

MATEMATIKA

*Umumiy o'rta ta'lim maktablarining
3-sinfi uchun darslik*

O'zbekiston Respublikasi
Xalq ta'limi vazirligi
nashrga tavsiya etgan

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Yangi nashr



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— og'zaki bajaramiz



— eslaymiz



— birga bajaramiz



— aqlni charxlaymiz



— yangi ma'lumotlar



— mustahkamlaymiz



— amaliy topshiriq



— uyda bajaramiz

MUNDARIJA

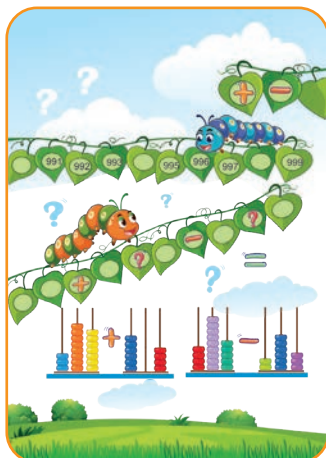


2-SINFDA O'TILGANLARNI TAKRORLASH — 7

1-dars. Ikki xonali sonlarni qo'shish.....	8
2-dars. Ikki xonali sonlarni ayirish.....	9
3-dars. Ko'paytirish.....	10
4-dars. Bo'lish.....	11
5-dars. Geometrik shakllar va o'lchashlar	12

1-BOB. UCH XONALI SONLAR. MINGLIK — 13

1–5-dars. Uch xonali sonlar.....	14
6-dars. Minglik	19
7–9-dars. Uch xonali sonning xona birliklari yig'indisi	21
10-dars. Ming sonining xona birliklari yig'indisi.....	24
11–12-dars. Uch xonali sonlarni taqqoslash.....	25
13-dars. Minglik, yuzlik, o'nlik va birliklar orasidagi munosabat	27



2-BOB. SONLARNI QO'SHISH VA AYIRISH — 29

1–9-dars. 1000 ichida sonlarni qo'shish usullari.....	30
10–18-dars. 1000 ichida sonlarni ayirish usullari.....	40
19-dars. Qo'shishga doir masalalar.....	49
20-dars. Ayirishga doir masalalar	50
21-dars. Qo'shish va ayirishga doir masalalar	51
22–23-dars. Sonlar va shakllar ketma-ketligini mantiqiy davom ettirish.....	52

3-BOB. SONLARNI KO'PAYTIRISH VA BO'LISH — 55

1–6-dars. Ikki xonali sonni bir xonali songa ko'paytirish.....	56
7–12-dars. Uch xonali sonni bir xonali songa ko'paytirish.....	62
13–15-dars. Ikki xonali sonni bir xonali songa bo'lish	68
16–17-dars. Ikki xonali sonni ikki xonali songa bo'lish ...	71
18-dars. Ikki xonali sonni bir va ikki xonali songa bo'lish	73
19–24-dars. Uch xonali sonni bir xonali songa bo'lish ...	74
25–26-dars. Ko'paytirish va bo'lishga doir masalalar	80
27–28-dars. Ko'paytirish va bo'lishni tekshirish.....	82
29–31-dars. Qoldikli bo'lish	84





4-BOB. KASRLAR

87

1–5-dars. Kasr haqida tushuncha.....	88
6–7-dars. Bir xil maxrajli kasrlarni qo'shish	93
8–9-dars. Bir xil maxrajli kasrlarni ayirish	95
10-dars. Bir xil maxrajli kasrlarni qo'shish va ayirish	97
11–13-dars. Kasrlarni taqqoslash	98

5-BOB. GEOMETRIK SHAKLLAR

101

1-dars. To'g'ri chiziq.....	102
2-dars. Kasma. Nur	103
3-dars. To'g'ri chiziq, kasma, nur	104
4-dars. Parallel to'g'ri chiziqlar.....	105
5-dars. Perpendikulyar to'g'ri chiziqlar.....	106
6–7-dars. Sodda va yassi shakllarni yasash	107
8–9-dars. Uchburchak turlari	109
10–11-dars. Shakllar yuzini paletka yordamida o'lchash	111
12-dars. O'qqa nisbatan simmetriya.....	113
13–14-dars. Shakllarni burish, siljitish, aylantirish	114
15–17-dars. Fazoviy geometrik shakllar.....	116
18-dars. Fazoviy geometrik shakllar. STEM topshiriq	120



6-BOB. O'LCHOV BIRLIKLARI

121

1–2-dars. Uzunlik o'lchov birliklari	122
3–4-dars. Massa o'lchov birliklari	124
5–7-dars. Vaqt o'lchov birliklari.....	126
8–9-dars. Rim raqamlari.....	131
10-dars. STEM topshiriq.....	133
11–13-dars. Kattaliklar orasidagi munosabatlar	134

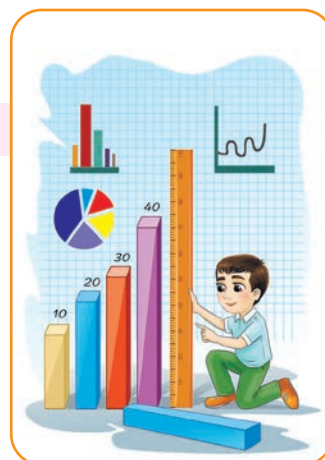


7-BOB. IFODALAR 138

1–4-dars. Amallarni bajarish tartibi	139
5–6-dars. Harfli ifodalar	143
7–13-dars. Tenglamalar	145

8-BOB. MA'LUMOTLAR BILAN ISHLASH 152

1–2-dars. Shkalalar	153
3–5-dars. Koordinata burchagi	155
6–8-dars. Diagrammalar	159
9–13-dars. Ma'lumotlarni turli ko'rinishlarda ifodalash ...	163



TAKRORLASH	168
QO'SHIMCHA TOPSHIRIQLAR	177
QIZIQARLI VA MANTIQUIY TOPSHIRIQLAR	183
XALQARO BAHOLASH DASTURIGA OID TOPSHIRIQLAR	189



3-SINF "MATEMATIKA" DARSLIGI UCHUN TA'LIMIY O'YINLAR



2-SINFDA O'TILGANLARNI TAKRORLASH



1-dars

Ikki xonali sonlarni qo'shish



1. Qaysi sonlar tushirib qoldirilgan? Ular juftmi yoki toq?

66, 69, 72, __, 78, 81, 84

80, 73, 66, 59, __

77

76

73

75

53

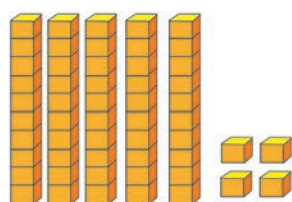
57

52

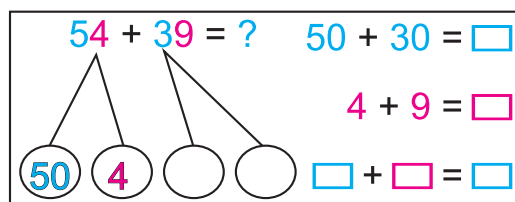
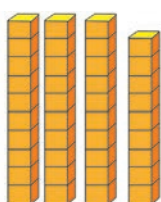
49

Yig'indisi 24 ga teng bo'lgan ikki xonali sonlarni aytamiz.
Ikki xonali sonlarni qanday qo'shganimizni eslay olamizmi?

2. Hisoblashlarni bajaramiz.



+



①

$$\begin{array}{r} 54 \\ + 39 \\ \hline \end{array}$$

$27 + 51$

$48 + 36$

$78 + 15$

$56 + 29$

$65 + 27$

$82 + 18$

Men yig'indini shunday hisobladim, ayting-chi, bu to'g'rimi?

$$\begin{array}{r} 54 \\ + 39 \\ \hline 813 \end{array}$$

3. Men turgan vagon poyezdning boshidan hisoblaganda 4-vagon, oxiridan hisoblaganda 11-vagonligi ma'lum bo'lsa, poyezdning jami vagonlari soni nechta?

4. Uchar jismga mos og'irlikdagi qo'ylarni tanlaymiz.



5. Yig'indilarni topamiz.

$$\begin{array}{r} 25 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 67 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ + 74 \\ \hline \end{array}$$

6. Hisoblaymiz.

$$\begin{array}{r} 36 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 45 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 58 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ + 17 \\ \hline \end{array}$$

2-dars

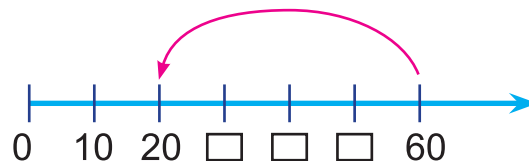
Ikki xonali sonlarni ayirish



1. Kim tez hisoblaydi?

6 ta o'nlikdan
4 ta o'nlikni ayirsak,
nechta o'nlik
qoladi?

6 o'nl. - 4 o'nl. = ? o'nl.
 $60 - 40 = ?$



$$60 - \square = 20$$

$$70 - 20$$

$$60 - 30$$

$$90 - 50$$

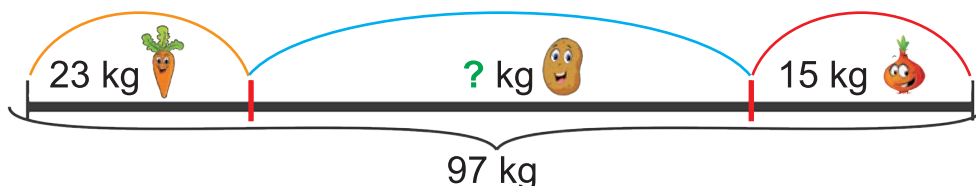
2. Ayirish qanday bajarilishini eslaymiz. Noma'lum sonlarni topamiz.

$94 - x = 47$
 $94 - 47 = ?$

$$83 - \square = 25 \quad \square + \square = \square$$

$$83 - 25 = \square \quad \square + \square = \square$$

3. Do'konga necha kilogramm kartoshka olib kelindi? Ifodalar nimani anglatadi?

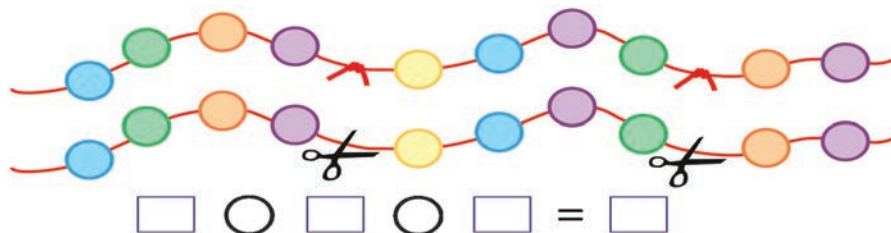


$$97 - (23 + 15) = \square$$

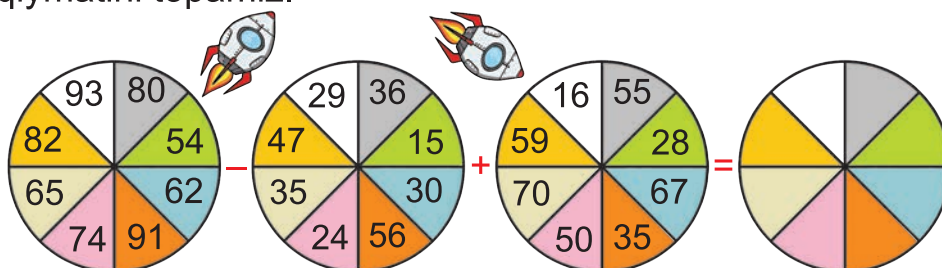
$$97 - \square - 15 = \square$$

$$97 - 23 - \square = \square$$

4. Rasm asosida ifodalar tuzamiz. Kim ko'proq tuzadi?



5. Doiralarda berilgan mos rangdagi sonlar asosida ifodalar tuzamiz va qiymatini topamiz.



6. Ifodalarni taqqoslaymiz.

$$88 - 55 - 13 \bigcirc 88 - 55 - 15$$

$$18 + 27 + 52 \bigcirc 32 + 27 + 29$$

$$63 - (43 - 33) \bigcirc 63 - (46 - 37)$$

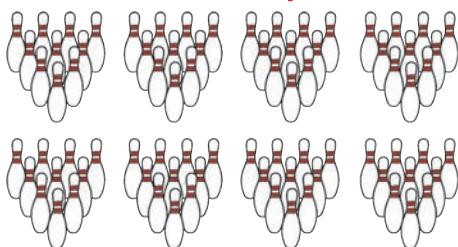
$$36 + (90 - 41) \bigcirc 99 - (61 - 47)$$

3-dars

Ko'paytirish

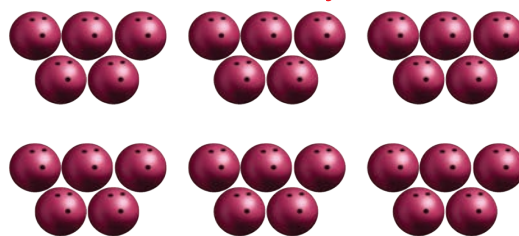
1. Kegl va bouling sharlari nechtadan guruhga ajratilgan?

10 talab sanaymiz



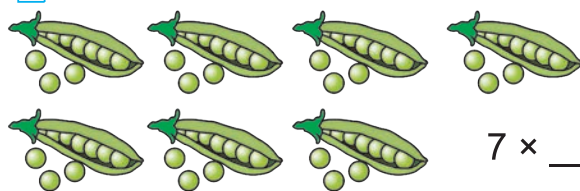
Jami keglar nechta?

5 talab sanaymiz



Jami bouling sharlari nechta?

2. Har bir shodada nechtadan yashil no'xat bor? Jami no'xatlar nechta?



$$7 \times \underline{\quad} = \underline{\quad}$$

$$\begin{array}{l} 7 \times \square = \square \\ \square \times 7 = \square \end{array}$$

$$4 \times \square = 40$$

$$\square \times 4 = 40$$

$$3 \times \square = 30$$

$$\square \times 3 = 30$$

3. Jadvaldan foydalanib bo'sh kataklarga mos sonlarni topamiz.

Pifagor jadvali

	2	3	4	5	6	7	8	9	
2	4	6	8	10	12	14	16	18	2
3	6	9	12	15	18	21	24	27	3
4	8	12	16	20	24	28	32	36	4
5	10	15	20	25	30	35	40	45	5
6	12	18	24	30	36	42	48	54	6
7	14	21	28	35	42	49	56	63	7
8	16	24	32	40	48	56	64	72	8
9	18	27	36	45	54	63	72	81	9
	2	3	4	5	6	7	8	9	

2
4
3
5
1



30

$$6 \times 9$$

$$7 \times 8$$

$$8 \times 9$$

$$9 \times 6$$

$$8 \times 7$$

$$9 \times 8$$

Qanday bajarildi?

$9 \times 1 =$	9
$9 \times 2 =$	18
$9 \times 3 =$	27
$9 \times 4 =$	36
$9 \times 5 =$	45
$9 \times 6 =$	54
$9 \times 7 =$	63
$9 \times 8 =$	72
$9 \times 9 =$	81
$9 \times 10 =$	90

4. Rasmda tasvirlangan qalamlardan nechitasi stolga tegmasdan turibdi?



5. Tenglamalarni yechamiz.

$$b \times 6 = 24 \quad 7 \times x = 28 \quad d \times 4 = 28 \quad 8 \times y = 64 \quad a \times 9 = 72 \quad 9 \times c = 72$$

6. Hisoblaymiz.

$$6 \times 7 = \square$$

$$9 \times 4 = \square$$

$$5 \times \square = 45$$

$$\square \times 10 = 30$$

$$\square \times 6 = \square$$

$$4 \times \square = 36$$

$$\square \times 5 = \square$$

$$10 \times \square = \square$$

$$\square \div \square = 6$$

$$\square \div \square = 9$$

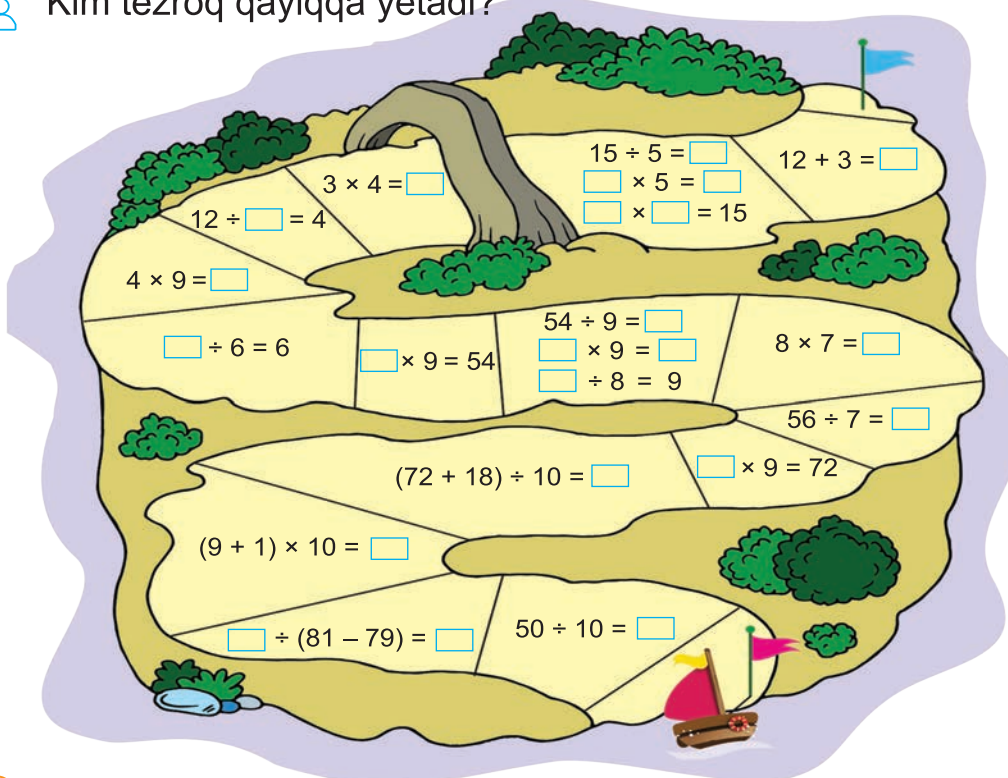
$$45 \div \square = \square$$

$$30 \div \square = \square$$

4-dars

Bo'lish

1. Kim tezroq qayiqqa yetadi?



2. Doiralarning qanday bo'lagi bo'yalgan? Ularni nomlaymiz.



3. Shakllar qanday bo'laklarga bo'lingan? Ular tengmi? Teng bo'laklarga bo'lingan shakllarni topamiz va ularni chizamiz.



4. Hisoblaymiz.

$$72 \div 8$$

$$63 \div 7$$

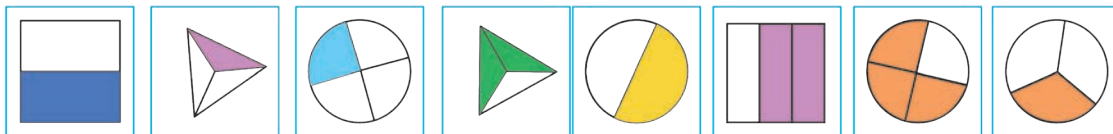
$$42 \div 6$$

$$50 \div 5$$

$$28 \div 4$$

$$27 \div 3$$

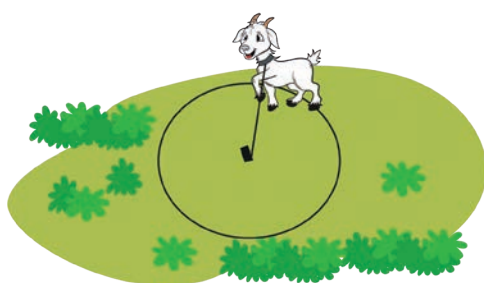
5.  Yarim va chorak qismi bo'yalgan shakllarni topamiz va ularni chizamiz.



5-dars

Geometrik shakllar va o'lchashlar

1.  Echkining qoziq atrofidagi bir martalik harakati qanday shakl hosil qilgan? Qoziq o'zni shaklda nimani anglatadi? Qoziq va echkiga bog'langan arqon uzunligi sizga nimani eslatdi?



Nimalar doiraga o'xshaydi?



2.  Javoblarning qaysi birida burchaklar o'sish tartibida keltirilgan? Burchaklarni shu tartibda chizamiz.



1) Q, P, R, S

2) Q, R, P, S

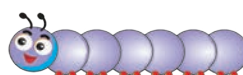
3) S, P, R, Q

4) S, R, P, Q

3.  Har bir hasharotning uzunligini topamiz. Ularni bir qatorga joylasak, jami necha santimetr bo'ladi?



cm



cm

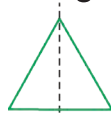


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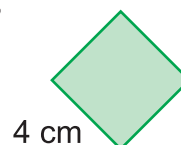
4.  Keyingi shaklni chizamiz. U nechta kvadratdan iborat?



5.  Shakllarning simmetrikligini tekshiramiz.

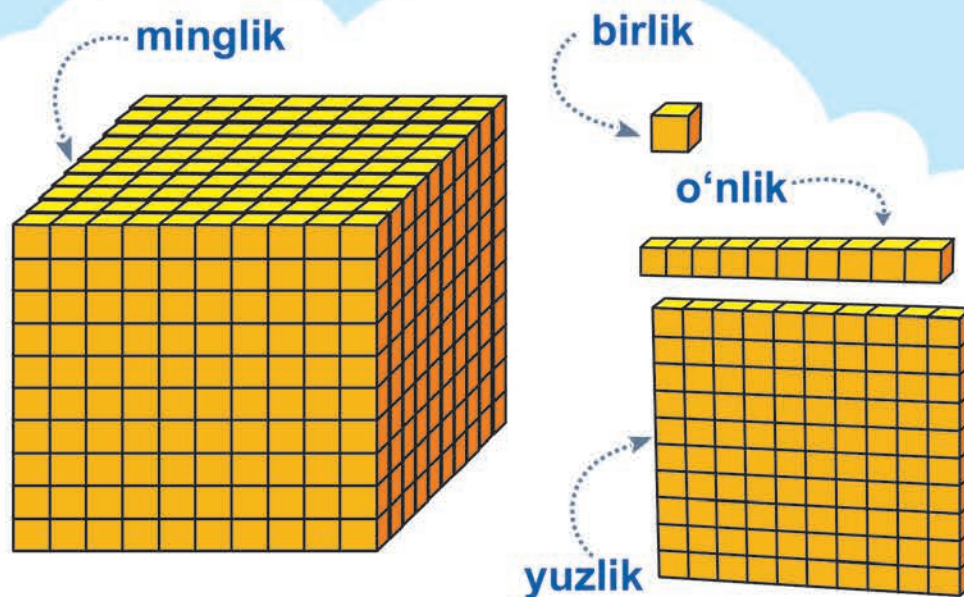


6.  Qaysi shaklning perimetri eng katta?



1-BOB

UCH XONALI SONLAR. MINGLIK



$$\begin{array}{|c|c|c|} \hline 7 & 0 & 0 \\ \hline \end{array} \triangleright \begin{array}{|c|c|} \hline 7 & 0 \\ \hline \end{array} \triangleright \begin{array}{|c|} \hline 7 \\ \hline \end{array}$$

$$777 = 700 + 70 + 7$$

6

7

3

4

5

1

9

8

2

?



1-bob.
1-dars

Uch xonali sonlar

1.  100 soni qanday hosil bo'ldi?

100 ta birlik → 10 ta o'nlik → 1 ta yuzlik

yozilishi → o'qilishi →

yuzlik	o'nlik	birlik
1	0	0
100		
yuz		



100 ta birlikdan 10 ta o'nlik, 10 ta o'nlikdan 1 ta yuzlik hosil bo'ladi.

2.  Hosil bo'lgan sonlarni yozamiz va o'qiymiz.

10 o'nlik 2 birlik 102

o'nliklar va birliklar

102

3.  Sonlarni so'zlar bilan ifodalaymiz: 103, 109, 111, 130, 142, 155.

4.  Berilgan mashinalar nima uchun xizmat qiladi?

mashinalar	yozilishi	o'qilishi	mashinalar	yozilishi	o'qilishi
					
					

5.  Sonlarni o'qiymiz va yozamiz.

– bir yuz ellik sakkiz; – bir yuz yetmish olti; – bir yuz o'n.

6.  Berilgan sonlardan ikki birlik oldingi va besh birlik keyingi sonlarni aytamiz.

123	155	172	194
-----	-----	-----	-----

7.  Sonlarni so'zlar bilan yozamiz.

107, 110, 109, 120, 121, 200, 203, 213, 220, 250.

1-bob.
2-dars

Uch xonali sonlar

1.  Berilgan sonlarda 6 raqami qaysi xona birligida turibdi?

567

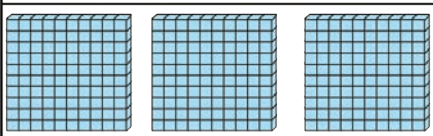
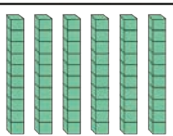
643

186

126

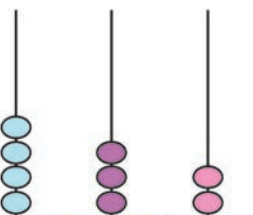
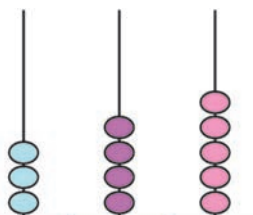
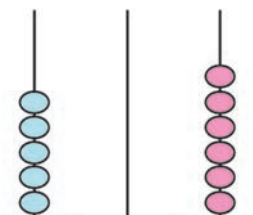
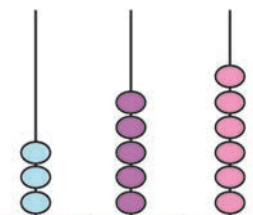
666

2.  Soʻz bilan ifodalangan sonni raqamlar bilan yozamiz.
Bir yil *uch yuz oltmish besh* kundan iborat.
Bu sonni xona birliklarida ifodalaymiz.

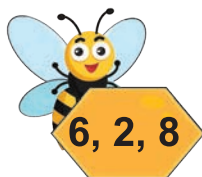
Yuzlik	Oʻnlik	Birlik
		
_____ yuzlik	_____ oʻnlik	_____ birlik

Ikki yuz sakson ikki; uch yuz oʻttiz toʻqqiz; toʻrt yuz toʻqson olti.

3.  Berilgan sonlarni namuna asosida yozamiz va oʻqiymiz.

			
yuzlik oʻnlik birlik	yuzlik oʻnlik birlik	yuzlik oʻnlik birlik	yuzlik oʻnlik birlik
432			
toʻrt yuz oʻttiz ikki			

4.  Asalarilar koʻrsatayotgan raqamlardan faqat bir martadan foydalanib eng kichik va eng katta uch xonali son tuzamiz.



5.  Sonlarni oʻsish tartibida joylashtiramiz. Qaysi son 170 soniga yaqinroq?



15

6.  Sonlar nurida berilgan bo'sh kataklarni to'ldiramiz. Sonlar nechta-dan ortib boryapti? Sonlar qatorini davom ettiramiz.



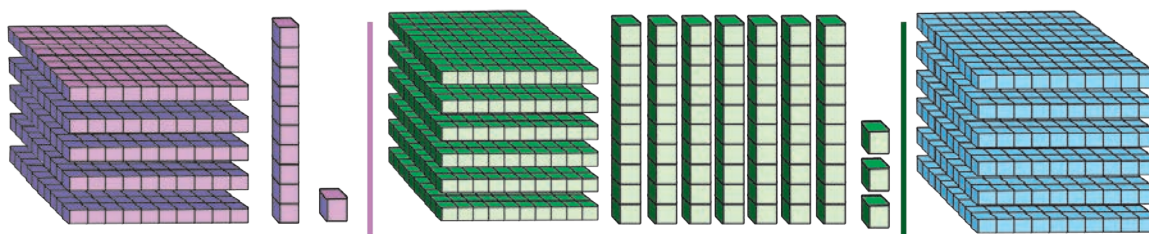
7.  Raqamlar bilan yozamiz va o'qiymiz.

Ikki yuz yetmish besh, uch yuz o'n, to'rt yuz, uch yuz yigirma ikki, uch yuz to'qson bir, to'rt yuz qirq to'rt, bir yuz oltmish, ikki yuz olti.

1-bob.
3-dars

Uch xonali sonlar

1.  Qaysi sonlar hosil bo'ldi? Ularni o'qiymiz va yozamiz.



? ta yuzlik ? ta o'nlik ? ta birlik

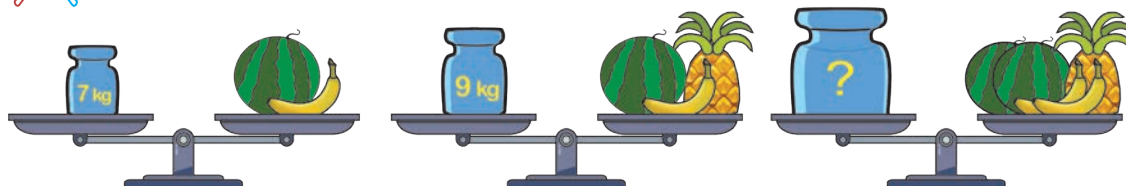
2.  Hisoblaymiz.

92 – 43 76 + 18 81 – 77 68 – 49 91 – 67 47 + 28 67 + 8

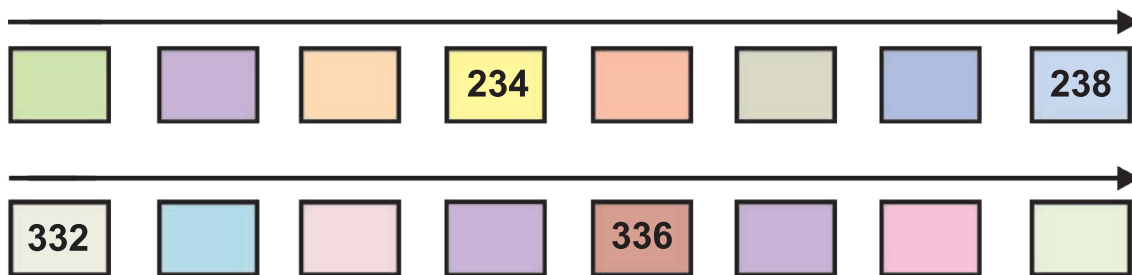
3.  Jadvalni to'ldiramiz.

	Yozilishi	O'qilishi
1 yuzlik 2 o'nlik 1 birlik	121	Bir yuz yigirma bir
4 yuzlik 6 o'nlik 3 birlik		
3 yuzlik 9 o'nlik 6 birlik		
6 yuzlik 0 o'nlik 5 birlik		
5 yuzlik 7 o'nlik 0 birlik		
0 yuzlik 8 o'nlik 2 birlik		

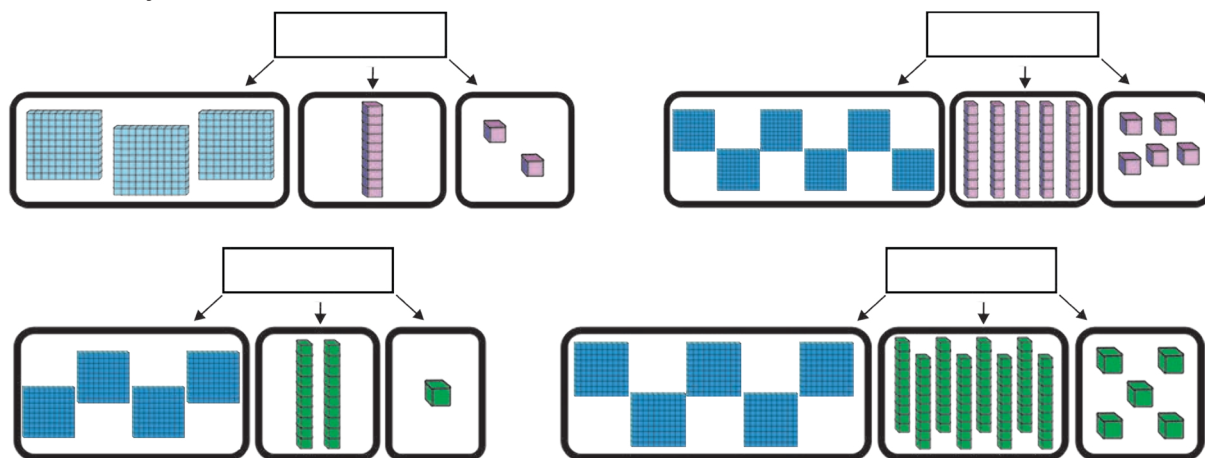
4.  Noma'lum massa necha kilogramm?



5.  Sonlar qatorini to'ldiramiz.



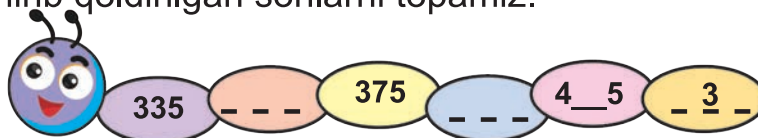
6.  Hosil bo'lgan sonlarni xona birliklarida ifodalaymiz va so'zlar bilan yozamiz.



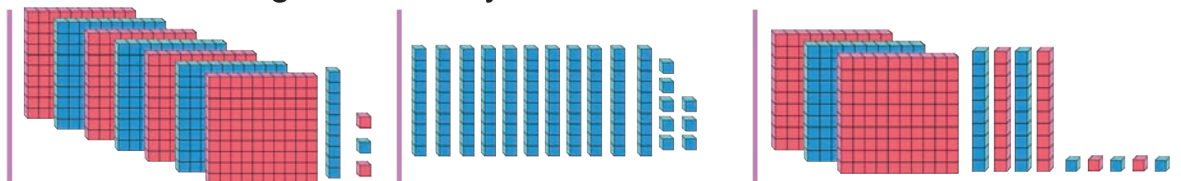
1-bob.
4-dars

Uch xonali sonlar

1.  Tushirib qoldirilgan sonlarni topamiz.



2.  Hosil bo'lgan sonlarni yozamiz.



3.  Sonlarga mos so'zlarni topib o'qiymiz va yozamiz.

765 450 306 128 800
659 133 788 555

bir yuz o'ttiz uch
olti yuz ellik to'qqiz yetti yuz oltmish besh
yetti yuz sakson sakkiz besh yuz ellik besh
to'rt yuz ellik sakkiz yuz uch yuz olti
bir yuz yigirma sakkiz

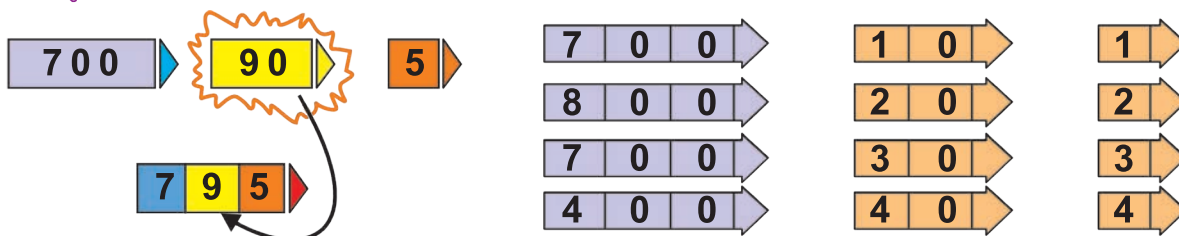
4.  Qaysi raqamni yozish uchun ko'proq doira ishlatilgan?



5.  Hisoblaymiz.

$$\begin{array}{llll} (91 - 67) + 12 & (76 - 69) \times 8 & 64 \div (53 - 45) & 23 + (84 - 45) \\ 6 \times (98 - 89) & (34 + 38) \div 9 & 7 \times (92 - 84) & (73 - 66) \times 9 \end{array}$$

6.  Namunaga ko'ra kartochkalar yordamida sonlarni hosil qilamiz.



7.  Har bir raqamdan faqat bir marta foydalanib uch xonali sonlar tuzamiz. Sizda nechta bo'ldi?



1-bob.
5-dars

Uch xonali sonlar

1. 

Sonlardagi 8 raqami qanday xona birligini bildiradi?

Yuzlar xonasida 7 va birlar xonasida 6 bo'ladigan barcha uch xonali sonlarni yozamiz.



2.  Jadval asosida uch xonali sonlar hosil qilamiz, ularni yozamiz, o'qiymiz va xona birliklariga ajratamiz. Nechta son hosil bo'ldi?

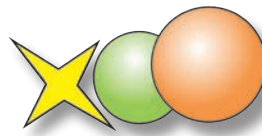
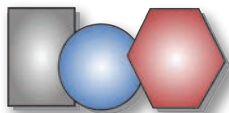
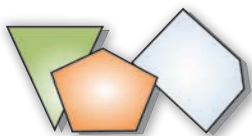
Namuna:

2	5	7
8	3	0
9	1	4

Son	O'qilishi	Yuzlik	O'nlik	Birlik
289	Ikki yuz sakson to'qqiz	2	8	9

3.  Saida bir son o'yladi. Uning 7 o'nligi olib qo'yilsa, 8 yuzlik qoladi. Agar unga 3 o'nlik qo'shilsa, 9 yuzlik hosil bo'ladi. Saida qanday sonni o'ylagan?

4.  Shakllarning burchaklari soniga ko'ra qanday uch xonali sonlar tuzish mumkin?



5.  Ifodalarni taqqoslaymiz.

$$(49 \div 7) + 83 \bigcirc 56 \div 7 + 77$$

$$81 \div (27 \div 3) \bigcirc 90 \div (27 - 18)$$

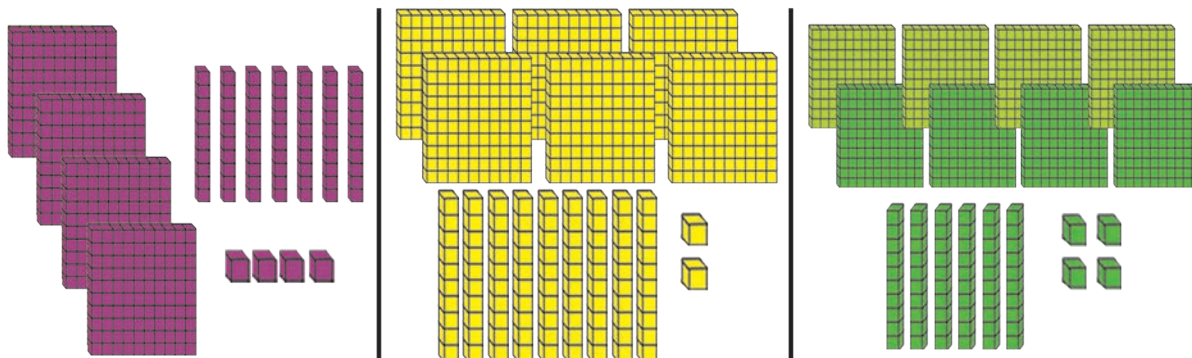
$$(68 + 22) \div 9 \bigcirc 1 \times (100 + 0)$$

$$9 \times 10 - 10 \bigcirc 72 + 32 \div 4$$

6.  Tushirib qoldirilgan sonlarni yozamiz va o'qiymiz.

		410			440		
	564						504

7.  Modellar hosil qilgan sonlarni xona birliklari bo'yicha yozamiz.



1-bob.
6-dars

Minglik

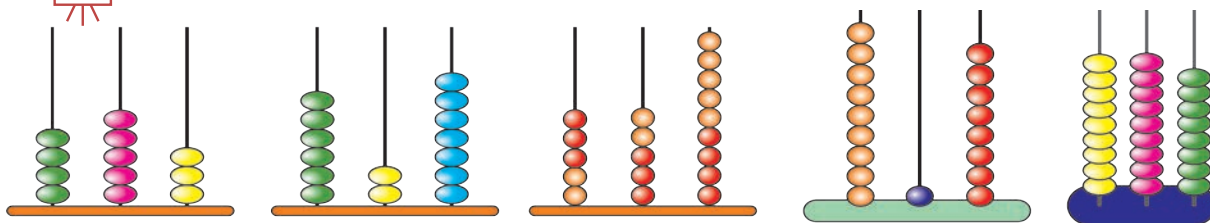
1.  Sonlarni kamayib borish tartibida joylashtiramiz. Shunda qaysi son uchinchi o'rinda bo'ladi?

678 675 688 595 690 700

Sonlardagi 7 raqami qaysi xona birligini anglatadi?

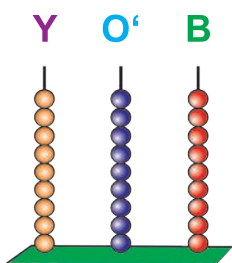
712 671 307 700 417 574 997 617 475 770

2. Modellarga ko'ra sonlarni o'qiymiz va yozamiz.



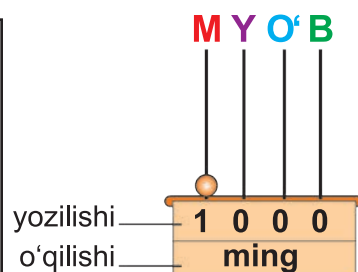
Eslab qolamiz!

Eng kichik uch xonali son 100 ga,
eng katta uch xonali son 999 ga teng.



999 soniga 1 birlik qo'shilsa, qaysi son
hosil bo'ladi?

- birlik xona 10 ga to'lib, 1 ta o'nlik hosil bo'ladi va o'nlikka o'tadi;
- o'nlik xona ham 10 ga to'lib, yuzlikka o'tadi;
- yuzlik xona ham 10 ga to'ladi;
- minglik xona birligi hosil bo'ladi.



3. Ranglar uchligi asosida sonlar tuzamiz va yozamiz.

Namuna: svetofor ranglaridan **234** – ikki yuz o'ttiz to'rt.

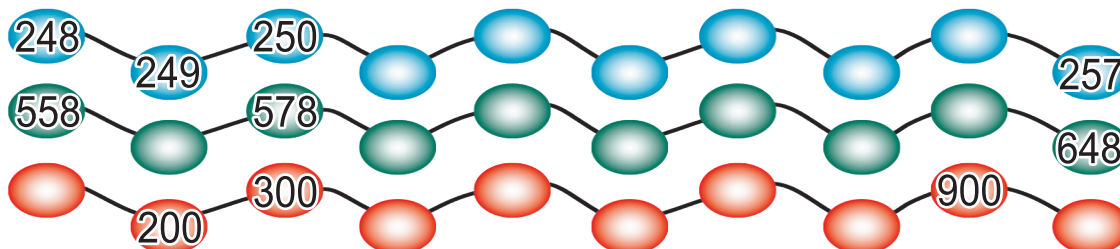


Berilgan raqamlardan ming sonini hosil qilish mumkinmi?

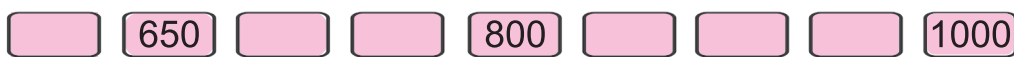
Unda qaysi rangdagi raqamlar ishtirok etadi? Nima o'zgardi?

4. Raqamlari turlicha bo'lgan eng kichik va eng katta uch xonali sonlar qaysi?

5. Sonlar qanday tartibda ortib boryapti? Har bir qatorda uchtadan sonni xona birliklariga ajratamiz.



6. Tushirib qoldirilgan sonlarni topamiz.



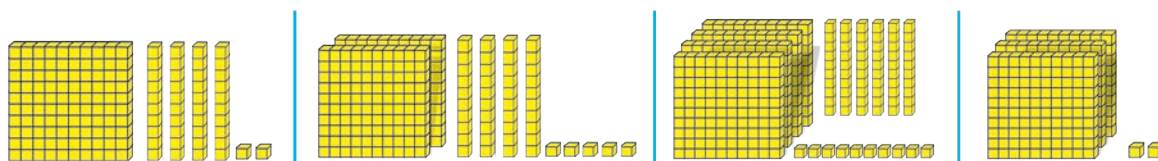
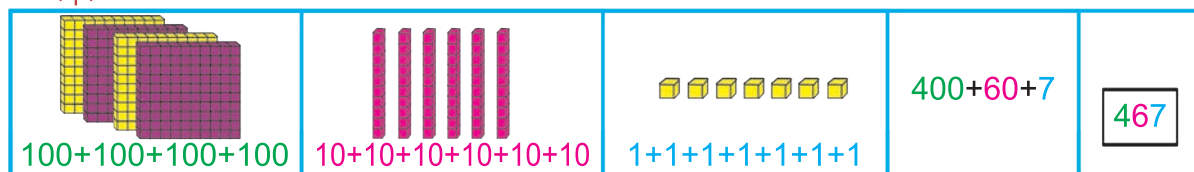
1-bob.
7-dars

Uch xonali sonning xona birliklari yig'indisi

1.  Sonlar qanday xona birliklaridan tuzilgan? 2 yuzlik = 200 birlik

5 o'nlik = birlik; yuzlik = 900 birlik; 8 o'nlik = birlik
518 = yuzlik o'nlik birlik; 7 yuzlik 1 o'nlik 4 birlik =

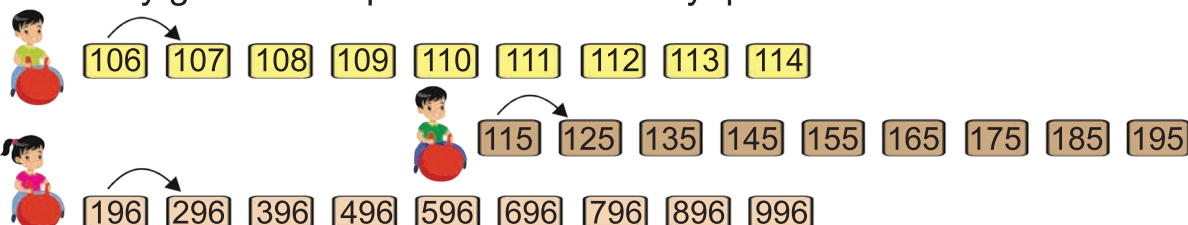
2.  Modellar asosida sonlarni xona birliklari yig'indisi ko'rinishida yozamiz.



3.  Yig'indilarga mos sonlarni topamiz.

$700 + 70 + 4$	$600 + 80 + 5$	$900 + 6$	$400 + 60$	$900 + 90 + 9$
906	999	774	685	460

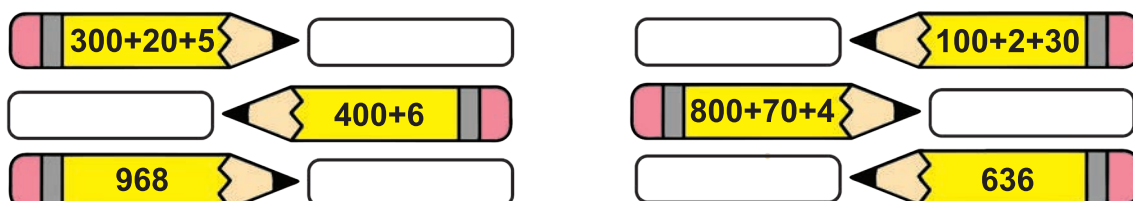
4.  Odil, Umida, Said sonlarni aytib sakradi. Har sakraganda ular aytgan sonlar qanchadan ortib boryapti?



5.  Bo'sh kataklarni to'ldiramiz.

$683 = \square + \square + \square$	$196 = \square + \square + \square$
$421 = \square + \square + \square$	$555 = \square + \square + \square$
$937 = \square + \square + \square$	$242 = \square + \square + \square$

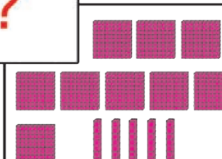
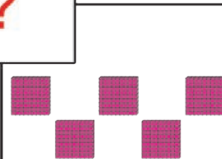
6.  Qalamlarni chizamiz va bo'sh kataklarni to'ldiramiz.



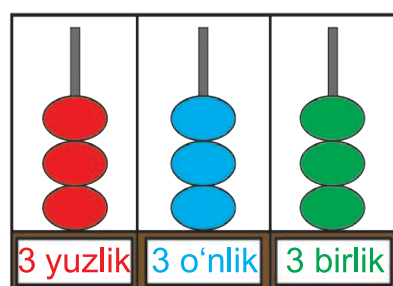
1-bob.
8-dars

Uch xonali sonning xona birliklari yig'indisi

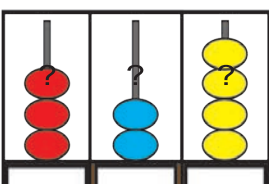
1.  So'roqlar nimani anglatadi? Yashirilgan sonlarni modellar yordamida topamiz?

to'qqiz yuz ellik ? 9 ta yuzlik 5 ta o'nlik 	$900+50+0$? ? ta yuzlik ? ta o'nlik ? ta birlik 
--	--

2.  Xona birliklari yig'indisi qanday ajratilgan? Jadvalni to'ldiramiz.



- 3 raqami
- birlar xonasida 3 ($1+1+1$)
 - o'nlar xonasida 30 ($10+10+10$)
 - yuzlar xonasida 300 ($100+100+100$)

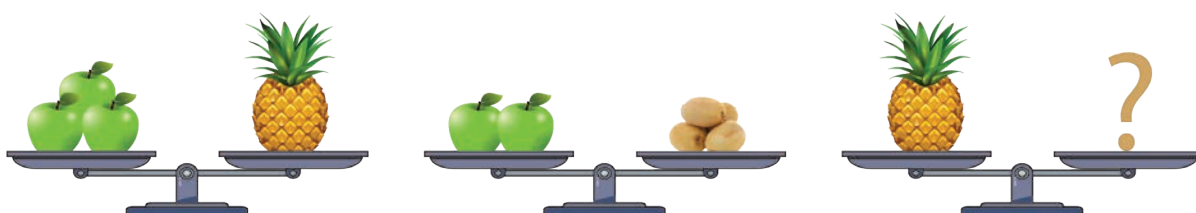
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td>$100 + 100 + 100 + 10 + 10 + 1 + 1 + 1 + 1$</td> <td style="text-align: center;">324</td> </tr> <tr> <td>$100 + 100 + 100 + 100 + 100 + 1$</td> <td></td> </tr> <tr> <td>$100+100+100+100+10+10+10+10+10+10+10+10$</td> <td></td> </tr> <tr> <td>$100+100+100+10+10+10+10+1+1+1+1+1+1+1$</td> <td></td> </tr> </table>	$100 + 100 + 100 + 10 + 10 + 1 + 1 + 1 + 1$	324	$100 + 100 + 100 + 100 + 100 + 1$		$100+100+100+100+10+10+10+10+10+10+10+10$		$100+100+100+10+10+10+10+1+1+1+1+1+1+1$		
$100 + 100 + 100 + 10 + 10 + 1 + 1 + 1 + 1$	324									
$100 + 100 + 100 + 100 + 100 + 1$										
$100+100+100+100+10+10+10+10+10+10+10+10$										
$100+100+100+10+10+10+10+1+1+1+1+1+1+1$										

3.  O'rtog'imiz yozgan sonlarni o'qiymiz, so'zlar bilan yozamiz va xona birliklariga ajratamiz.

637	Olti yuz o'ttiz yetti	
904		
555		

514		$500 + 10 + 4$
600		
789		

4.  Bitta ananas nechta kivi og'irligiga teng?



5.  Matnda berilgan sonlarni xona birliklari yig'indisi ko'rinishida yozamiz.

Buyuk matematik olim Muhammad al-Xorazmiy yetti yuz sakson uchinchi yilda tug'ilgan. U yigirmadan ortiq asarlar yozgan bo'lib, bizgacha faqat yettitasi yetib kelgan. Xorazmiy sakkiz yuz elliginchi yilda vafot etgan.



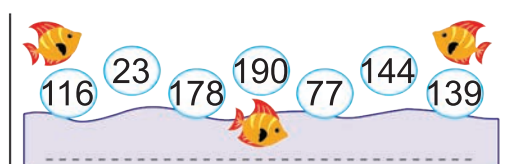
6.  Namuna asosida sonlarni yozamiz.

844	493	548	besh yuz qirq sakkiz	502	892	788	7 yuzlik 8 o'nlik va 8 birlik
378	296	654	600+50+4	771	999	246	100+100 10+10+10+10 1+1+1+1+1+1

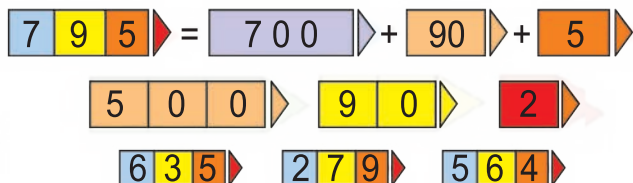
1-bob. 9-dars

Uch xonali sonning xona birliklari yig'indisi

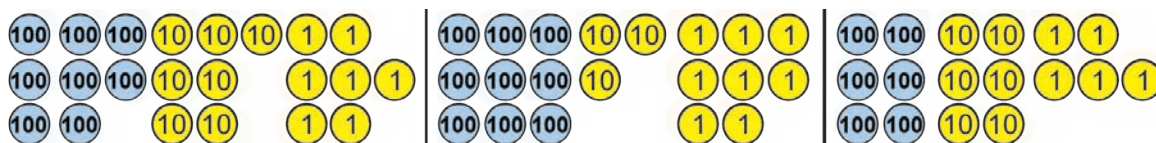
1.  Har bir akvariumdagi sonlarni kamayish tartibida joylashtiramiz. Kim chaqqon?



2.  Namuna asosida kartochkalardan foydalanib sonlarni hosil qilamiz.

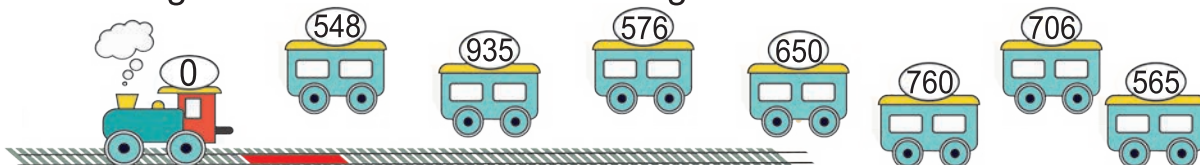


3.  Modellar asosida qanday sonlar hosil qilish mumkin? Sonlarning xona birliklari nechtdan?



4.  Abror 12 sonini, Ahror esa shu songa uning raqamlari yig'indisini qo'shib aytdi. O'yin shu tariqa davom etsa, 50 soni hosil bo'ladimi?

5.  Vagonlardagi sonlarni o'sish tartibida joylashtiramiz. Qaysi vagon-dagi sonda 5 ta o'nlik bor? Bu vagon nechanchi o'rinda turibdi?



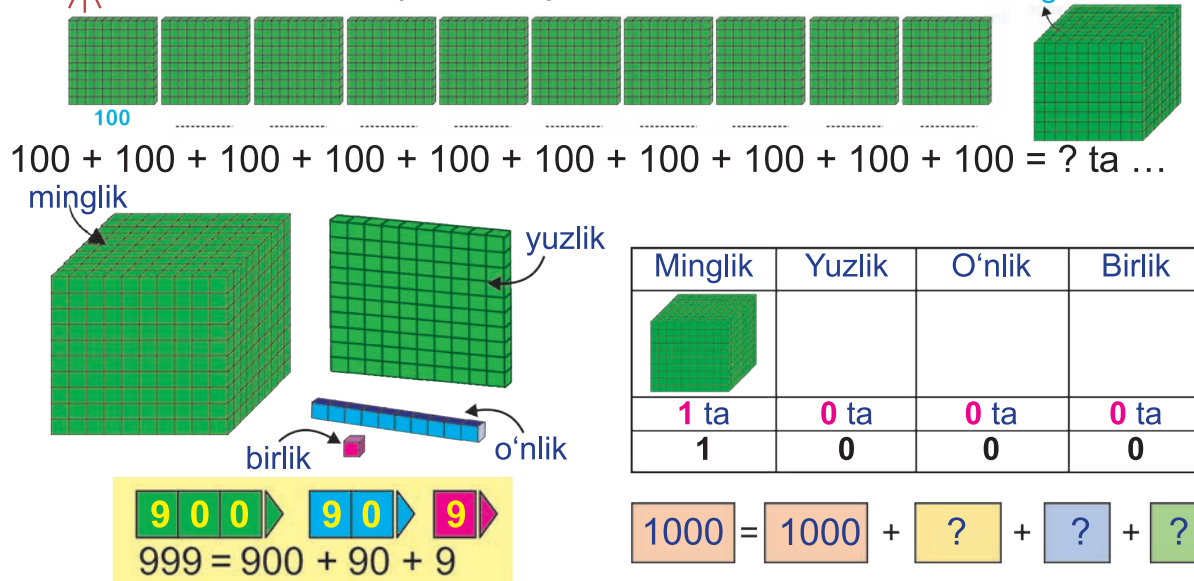
6.  Sonlarni so'zlar bilan yozamiz va xona birliklari yig'indisi ko'rinishida ifodalaymiz.



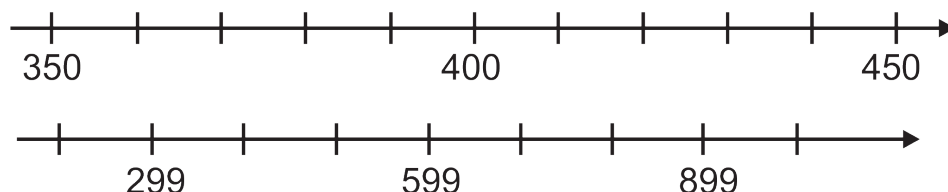
**1-bob.
10-dars**

Ming sonining xona birliklari yig'indisi

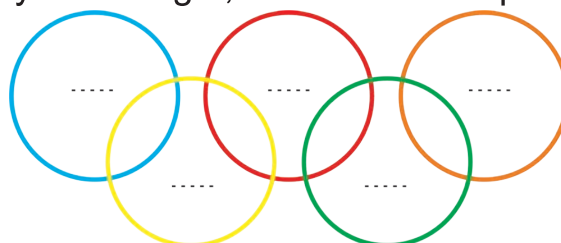
1.  Ketma-ket sanaymiz. Qaysi son hosil bo'ldi?



2.  Har bir son nurida tushirib qoldirilgan sonlar qanday xona birli-gida oshib boradi?



3.  Olimpiada belgisi halqalari ichiga 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 sonlarini shunday joylashtiringki, har uchta halqadagi sonlar yig'indisi 15 ga teng bo'lsin.



4.  Sonlar barabanidan ranglarni tanlaymiz va shu rangdagi sonlarni xona birliklari yig'indisi ko'rinishida ifodalaymiz.

Namuna: 542 = 500 + 40 + 2; 909 = 900 + 0 + 9.



5.  Jadvalni to'ldiramiz. Ustunda berilgan sonlar hosil bo'lishi uchun bo'sh katakka nechta yuzlik joylash kerak?

300	500	900	600	800	600	700
	200		400		500	200
		600	100		100	
100		200		600		300

Topilgan sonlarning birlik va o'nlik xonalari nechaga teng?

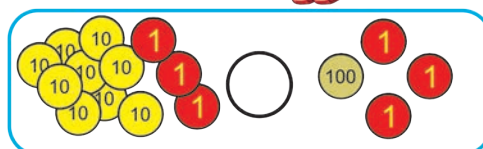
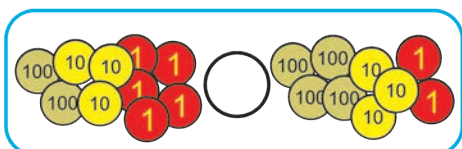
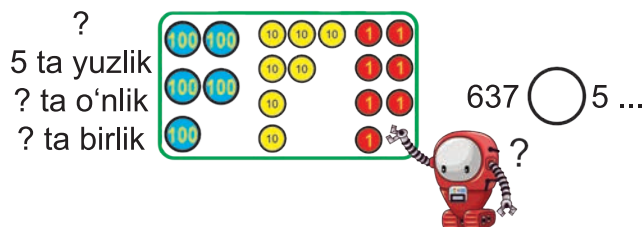
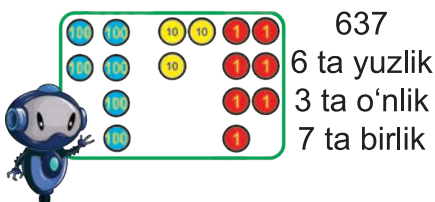
6.  Sonlarni o'qiymiz va yozamiz. Ularda qanday xona birliklari bor?
Ikki yuz sakson; to'rt yuz; bir yuz ellik besh; olti yuz to'qson; sakkiz yuz sakkiz; besh yuz ellik besh; to'qqiz yuz to'qson; bir ming.

**1-bob.
11-dars**

Uch xonali sonlarni taqqoslash

1.  Komila 70 dan 90 gacha oralatib sanadi. U 5 talab sanagan bo'lishi mumkinmi? 3 talab-chi?
Komil 35 dan boshlab, 7 talab sanadi. U 90 da tugatishi mumkinmi? 98 da-chi?

2.  Robotlarga tegishli sonlarni topamiz va taqqoslaymiz. Qaysi robotga tegishli sonning yuzligi katta, o'nligi-chi? Sonlarning qaysi xona birligi teng?



3.  Sonlarning qaysi xona birliklari teng? Ularni taqqoslaymiz.

545 va 534
 $5=5$
 $4>3$

496 va 499
?

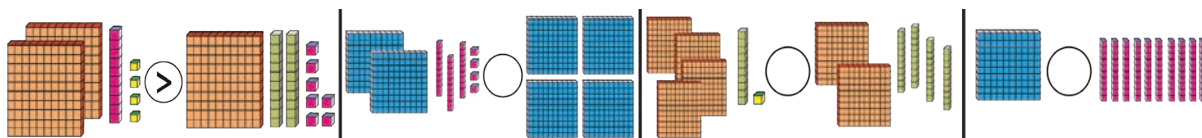
502 va 408 613 va 563
786 va 789 325 va 352

4. 



O'smirlar o'rtasida o'tkazilgan yugurish musobaqasida 1 minutda Anvar 203 metr, Sobir 304 metr va Nodir 255 metrga yugurushdi. Ulardan qaysi biri eng uzoq masofaga, qaysi biri eng qisqa masofaga yugurgan?

5.  Taqqoslash qanday bajarilgan? Modellarda ifodalangan eng katta sonning birlik xonasi nechaga teng?



6.  Taqqoslaymiz.

$$\begin{array}{r} 599 \\ 287 \end{array} \begin{array}{c} \bigcirc \\ \bigcirc \end{array} \begin{array}{r} 595 \\ 287 \end{array}$$

$$\begin{array}{r} 737 \\ 945 \end{array} \begin{array}{c} \bigcirc \\ \bigcirc \end{array} \begin{array}{r} 735 \\ 954 \end{array}$$

$$\begin{array}{r} 582 \\ 763 \end{array} \begin{array}{c} \bigcirc \\ \bigcirc \end{array} \begin{array}{r} 833 \\ 763 \end{array}$$

$$\begin{array}{r} 344 \\ 644 \end{array} \begin{array}{c} \bigcirc \\ \bigcirc \end{array} \begin{array}{r} 423 \\ 624 \end{array}$$

7.  Sonlarni xona birliklari yig'indisiga ajratamiz va taqqoslaymiz.

$$\begin{array}{r} 242 \\ 164 \end{array} \begin{array}{c} \bigcirc \\ \bigcirc \end{array} \begin{array}{r} 312 \\ 115 \end{array}$$

$$\begin{array}{r} 612 \\ 532 \end{array} \begin{array}{c} \bigcirc \\ \bigcirc \end{array} \begin{array}{r} 741 \\ 235 \end{array}$$

$$\begin{array}{r} 566 \\ 784 \end{array} \begin{array}{c} \bigcirc \\ \bigcirc \end{array} \begin{array}{r} 731 \\ 784 \end{array}$$

$$\begin{array}{r} 981 \\ 775 \end{array} \begin{array}{c} \bigcirc \\ \bigcirc \end{array} \begin{array}{r} 918 \\ 446 \end{array}$$

1-bob. 12-dars

Uch xonali sonlarni taqqoslash

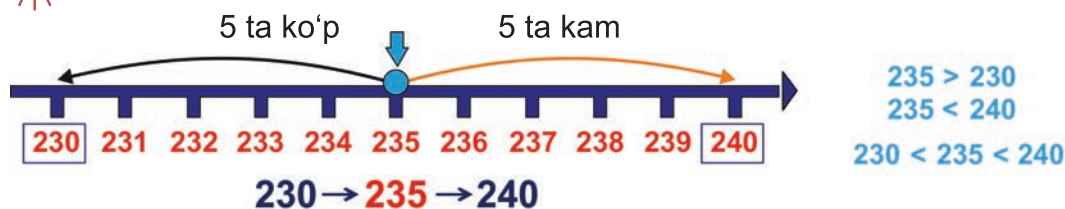
1.  Sonlarni kamayish tartibida joylashtiramiz. Shunda qaysi biri eng kichigi bo'ladi?

255 253 257 251

Quyidagi sonlardan qaysi birlari juft? Qaysi birlari toq?

☒ 40 ☒ 421 ☒ 144 ☒ 969

2.  Taqqoslash qanday bajarilgan? Qanday xulosaga keldingiz?



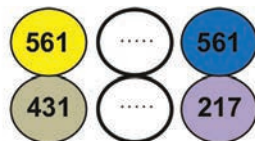
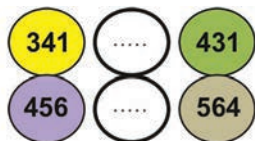
3.  Sonlarni xona birliklariga ajratamiz va mos rangdagilarni taqqoslaymiz.

726	436	870	308	963	762
	254	542	419	807	475

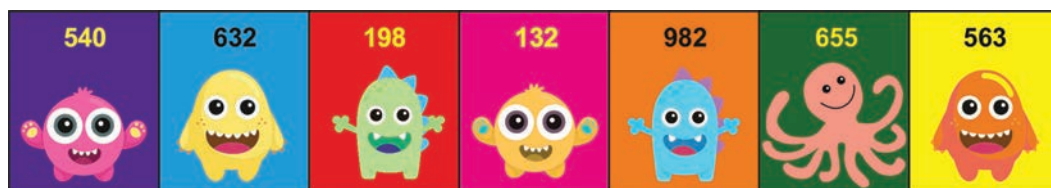
Qaysi rangdagi son ortiqcha? Uning raqamlari o'rnini almashtirib, eng kichik uch xonali son hosil qila olamizmi?

4.  Xonada 14 nafar o'g'il bola, 16 nafar qiz bola bor. Xonadan 22 nafar bola chiqib ketgach, o'g'il va qiz bolalar soni tenglashdi. Xonadan nechta o'g'il bola chiqib ketgan?

5.  Taqqoslaymiz. Sonlar ichidan eng katta va eng kichigini aniqlaymiz.



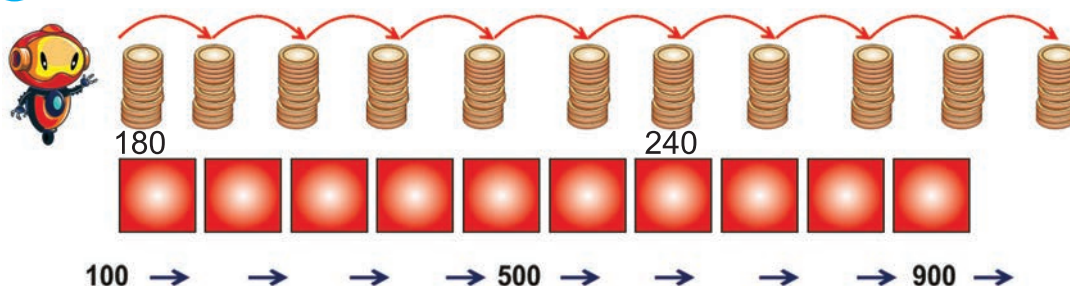
6.  Rasmdagi qahramonlarga mos sonlarni taqqoslaymiz. Barcha sonlarni kamayish tartibida joylashtirsak, sakkizoyoqqa tegishli son nechanchi o'rinda turadi?



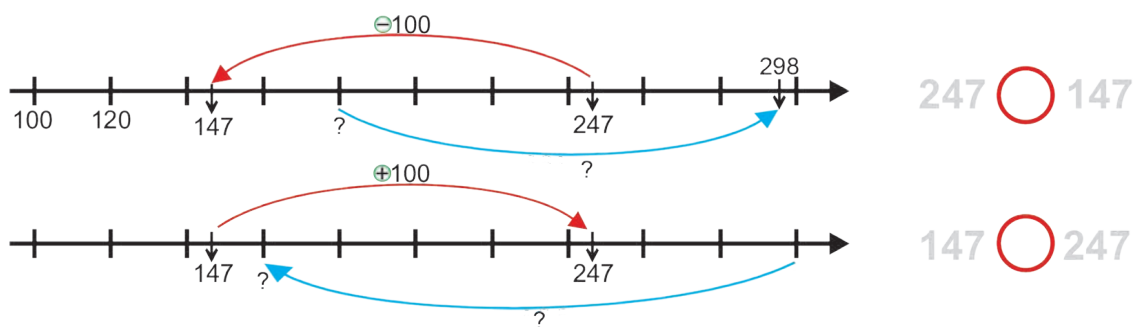
**1-bob.
13-dars**

Minglik, yuzlik, o'nlik va birliklar orasidagi munosabat

1.  Sonlar nechtadan ortib boryapti? Qaysi sonlar hosil bo'ldi?



2.  Sonlarning xona birliklari orasida qanday munosabat bor? Ularni qanday taqqoslaymiz?

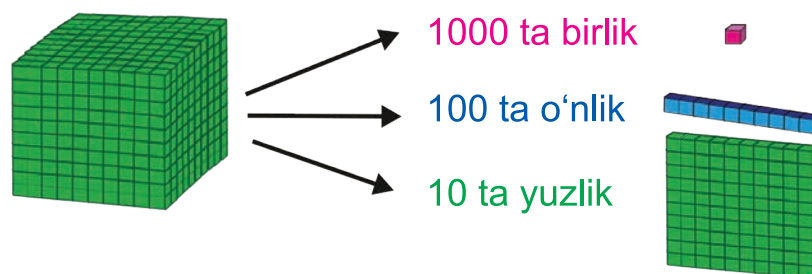


3.  Raqamlari yig'indisi 26 ga teng bo'lgan uch xonali sonlar nechta?

4.  Jadvalda sotilgan gullar haqida ma'lumot berilgan. Shu ma'lumotlar asosida eng ko'p gul sotilgan oyni aniqlaymiz. Qaysi oyda eng kam gul sotilgan?

Sotilgan gullar	
Oylar	Gullar soni
Iyul	163
Avgust	198
Sentyabr	284
Oktyabr	355

5.  Modelda nima ko'rsatilgan? Qanday xulosa qilamiz?



800, 730, 995 sonlarini 1000 ga to'ldirish uchun nechta yuzlik, o'nlik, birlik kerak bo'ladi?

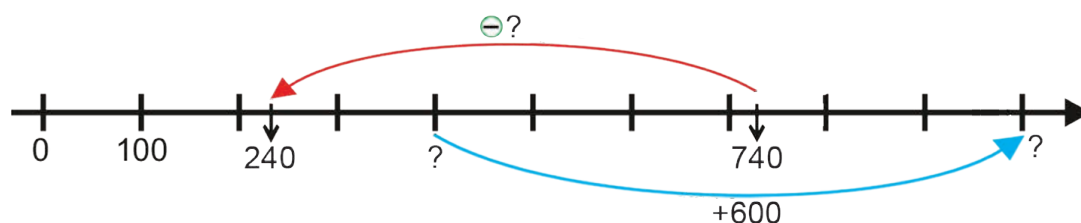
6.  Tangalar yordamida 1000 so'mni hosil qilamiz. Kim qanday usulda hisobladi? Kim nechta tangadan foydalandi?



7.  Taqqoslaymiz.

545 534 882 828 410 401 762 627
674 676 656 562 358 676 987 798

8. Noma'lum sonlarni topamiz. Xona birliklari orasidagi munosabatni aniqlaymiz.



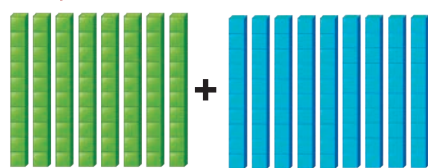


2-bob.
1-dars

1000 ichida sonlarni qo'shish usullari

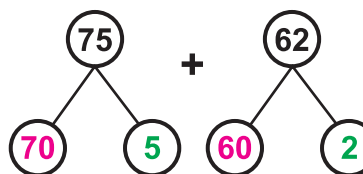
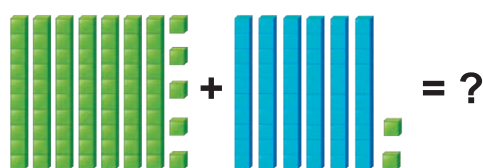


1. Yig'indilar qanday hisoblangan?



$$\begin{array}{r} 80 \\ + 90 \\ \hline 170 \end{array}$$

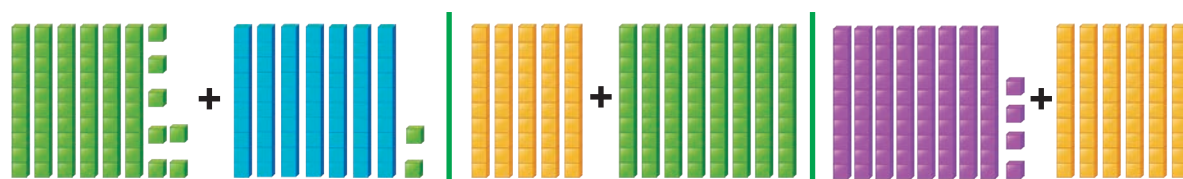
8 o'nlik + 9 o'nlik = 17 o'nlik



$$\square + \square = ?$$

$$\square + \square = ?$$

$$\square + \square = ?$$



2. Hisoblaymiz.

$$50 + 60$$

$$70 + 80$$

$$75 + 62$$

$$87 + 21$$

$$84 + 50$$

$$90 + 38$$

3. Jami olmaxon va quyonlar soni nechta?



37 ta

41 ta ortiq

? ta

4. $\bullet = ?$ $\blacksquare = ?$ $\blacktriangle = ?$

$$\blacktriangle + \blacksquare + \bullet = 120$$

$$\blacksquare + \blacksquare + \bullet = 130$$

$$\bullet + \bullet = 100$$



5. Hisoblaymiz.

$$\begin{array}{r} 7\square \\ + \square 0 \\ \hline 140 \end{array}$$

$$\begin{array}{r} 58 \\ + 5\square \\ \hline 109 \end{array}$$

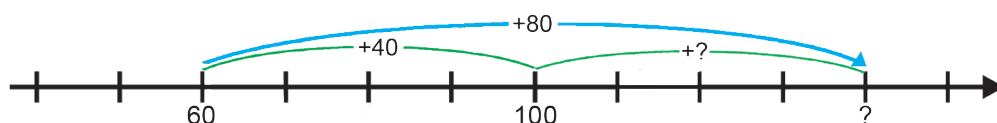
$$\begin{array}{r} \square 0 \\ + 6\square \\ \hline 130 \end{array}$$

$$\begin{array}{r} \square\square \\ + 83 \\ \hline 156 \end{array}$$

$$\begin{array}{r} 5\square \\ + \square 3 \\ \hline 126 \end{array}$$

$$\begin{array}{r} \square 7 \\ + 63 \\ \hline 12\square \end{array}$$

6. Sonlar nuridan foydalanib hisoblaymiz. Kim chaqqon?



$$60 + 80$$

$$90 + 50$$

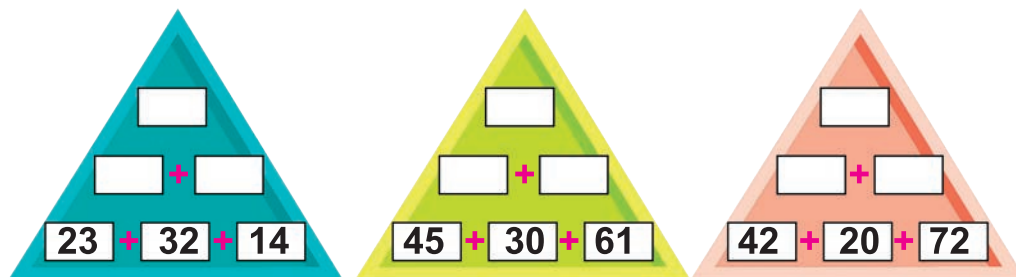
$$70 + 40$$

$$50 + 70$$

$$30 + 90$$

$$40 + 30$$

7. Hisoblaymiz va natijalarni taqqoslaymiz.

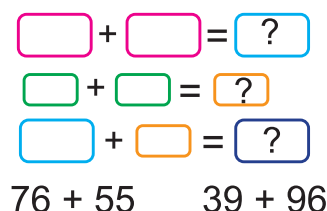
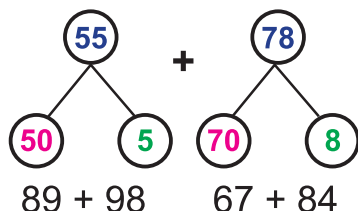
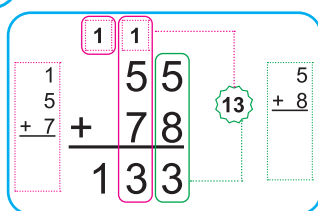


2-bob.
2-dars

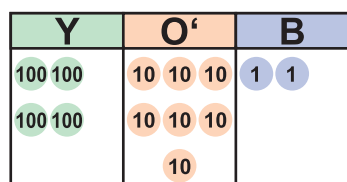
1000 ichida sonlarni qo'shish usullari



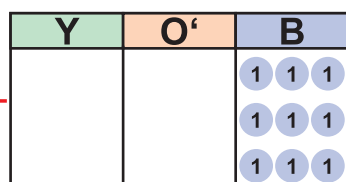
1. Hisoblashlar qanday bajarilgan?



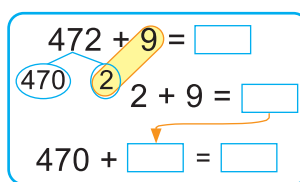
2. Modellar asosida yig'indini hisoblaymiz.



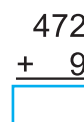
$$476 + 8$$



$$386 + 7$$



$$89 + 65$$



$$538 + 9$$

3. Qudrat 1 dan boshlab bir nechta sonlarni ketma-ket yozmoqchi. 15 sonini yozgandan so'ng, qalam sinib qoldi. U oxirgi marta qaysi raqamni yozgan? Sonlarni yozishda eng ko'p qaysi raqamdan foydalangan? Eng kami-chi?

4. Hisoblaymiz.

$$148 + 5$$

$$367 + 4$$

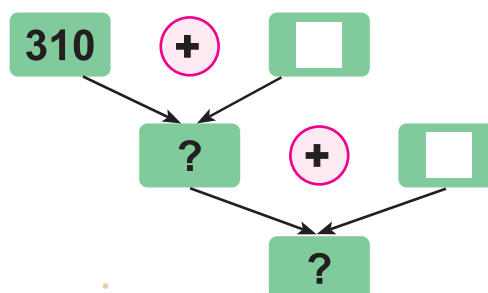
$$624 + 8$$

$$76 + 88$$

$$84 + 97$$

$$333 + 9$$

5. Matematikadan topshiriqlar to'plamida 310 ta qo'shishga oid, undan 9 ta ko'p ayirishga oid, ayirishdan 6 ta ko'p bo'lish va ko'paytirishga oid topshiriqlar berilgan. To'plamda ko'paytirish va bo'lishga oid nechta topshiriq berilgan? Jami topshiriqlar nechta?



6.  Ketma-ketlikda hisoblaymiz.

$$\begin{array}{r} 75 \\ + 96 \\ \hline \end{array} \rightarrow \begin{array}{r} \square \\ + 8 \\ \hline \end{array} \rightarrow \begin{array}{r} \square \\ + 7 \\ \hline \end{array} \rightarrow \begin{array}{r} \square \\ + 6 \\ \hline \end{array} \rightarrow \begin{array}{r} \square \\ + 9 \\ \hline \end{array}$$

2-bob.
3-dars

1000 ichida sonlarni qo'shish usullari

1.  Modellar asosida yig'indini topamiz.

$$\begin{array}{c} \text{300} + \text{84} \\ \text{632} + \text{57} \\ \text{844} + \text{32} \\ \text{702} + \text{96} \end{array} = \begin{array}{c} \text{556} \\ + \text{43} \\ \hline \end{array}$$

2.  Yig'indini hisoblashning og'zaki usulidan foydalanamiz. Qanday xulosaga keldingiz?

$$246 + 9 = ?$$

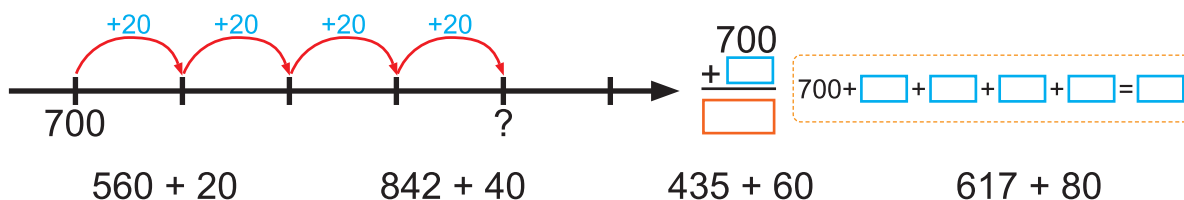
$$246 + 10 = 256$$

$$256 - 1 = 255$$

	⊕ 9
246	255
572	
838	
153	

	⊕ 19
625	
497	
364	
789	

3.  Namunaga ko'ra hisoblaymiz.



4.  Nechta qo'y va nechta echking birgalikdagi og'irligi bitta buzoq og'irligiga teng?



145 kg



35 kg



25 kg

5.  Qulay usulda hisoblaymiz.

$$62 + (17 + 38) = (62 + 38) + 17 = 100 + 17 = 117$$

$$40 + 17 + 83 \quad 26 + (98 + 74) \quad (49 + 32) + 51 \quad 65 + (35 + 72)$$

6.  Ustun shaklida hisoblaymiz.

$$830 + 20$$

$$263 + 10$$

$$842 + 55$$

$$510 + 80$$

$$420 + 50$$

$$348 + 30$$

$$714 + 81$$

$$921 + 30$$

7.  Hisoblaymiz.

$$642 + 40$$

$$935 + 62$$

$$456 + 43$$

$$412 + 84$$

$$70 - 30 + 260$$

$$40 + 200 + 60$$

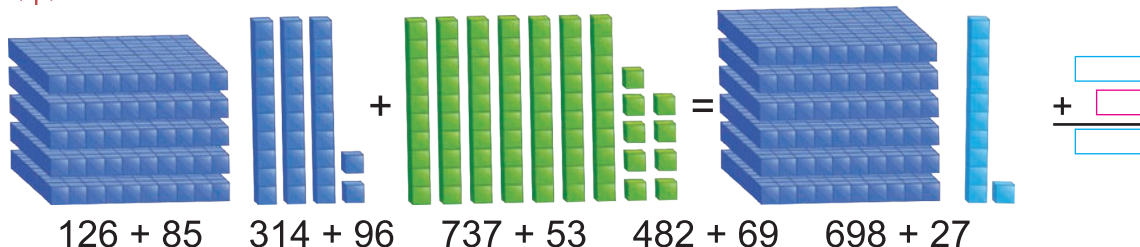
$$245 + (35 + 16)$$

$$125 - 30 + 41$$

2-bob. 4-dars

1000 ichida sonlarni qo'shish usullari

1.  Modellar asosida hisoblaymiz.



2.  Ifodalarning qiymatini taqqoslaymiz.

$$189 + 79 \bigcirc 891 + 97 \quad 648 + 55 \bigcirc 562 + 58 \quad 591 + 87 \bigcirc 915 + 78$$

$$267 + 58 \bigcirc 349 + 72 \quad 46 + 487 \bigcirc 39 + 573 \quad 779 + 49 \bigcirc 129 + 65$$

3.  Har bir davlatning umumiy medallari sonini aniqlaymiz.

Davlatlar	Oltin	Kumush	Bronza	Jami
AQSH	39	41	33	
Xitoy	38	32	18	
Yaponiya	27	14	17	
Germaniya	10	11	16	

4.  Bo'sh kataklarga mos sonlarni qo'yib, hisoblaymiz.

$$\begin{array}{r} 323 \\ + 58 \\ \hline \square\square1 \end{array}$$

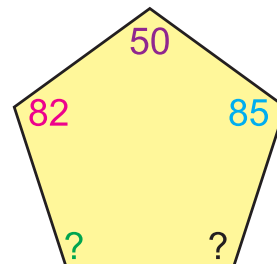
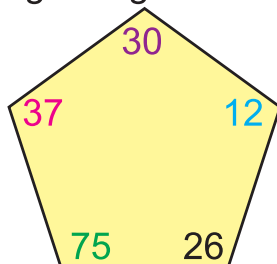
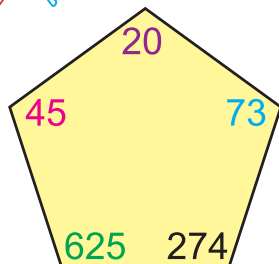
$$\begin{array}{r} 3\square7 \\ + 8\square \\ \hline \square31 \end{array}$$

$$\begin{array}{r} 87\square \\ + 55 \\ \hline \square31 \end{array}$$

$$\begin{array}{r} \square78 \\ + 9\square \\ \hline 3\square4 \end{array}$$

33

5.  Noma'lum son nechaga teng?



6.  Natijalarni topamiz va taqqoslaymiz.

$$123 \xrightarrow{+5} \boxed{} \xrightarrow{+10} \boxed{} \xrightarrow{+15} \boxed{} \xrightarrow{+20} \boxed{}$$

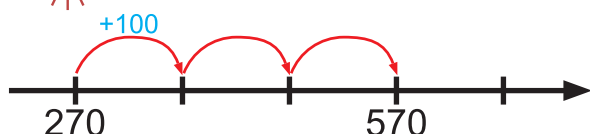
$$87 \xrightarrow{+25} \boxed{} \xrightarrow{+35} \boxed{} \xrightarrow{+45} \boxed{} \xrightarrow{+55} \boxed{}$$

Ikkinchi qo'shiluvchi qanday tartibda ortib boryapti?

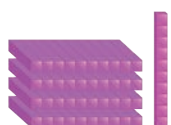
**2-bob.
5-dars**

1000 ichida sonlarni qo'shish usullari

1.  Hisoblashlar qanday bajariladi?

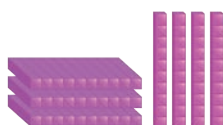


$$270 + \boxed{} + \boxed{} + \boxed{} = \boxed{}$$



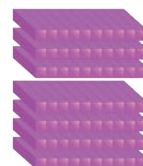
$$640 + 130$$

+



$$536 + 360$$

=



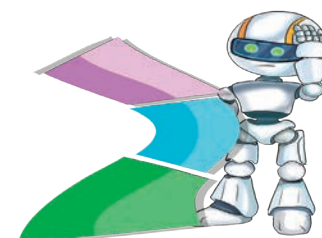
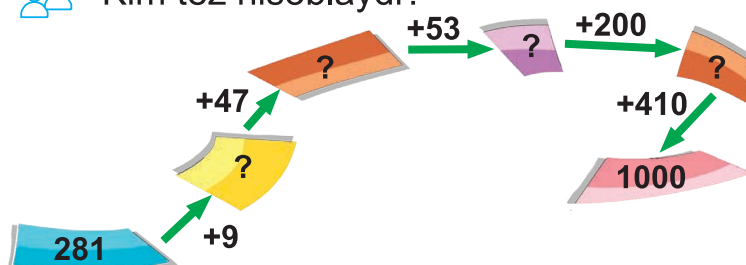
$$440 + 258$$



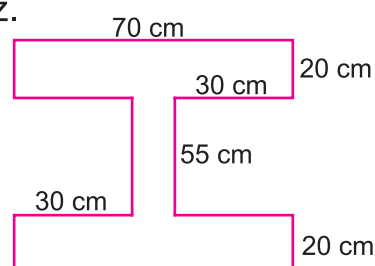
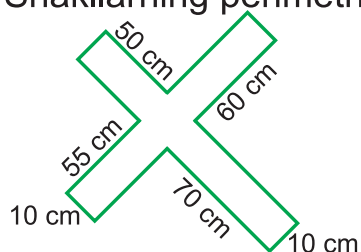
$$730 + 129$$

$$\begin{array}{r} 410 \\ + \\ \hline \end{array}$$

2.  Kim tez hisoblaydi?



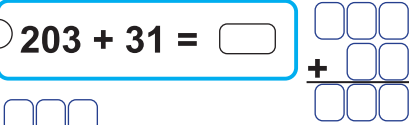
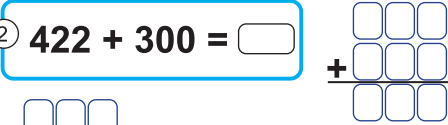
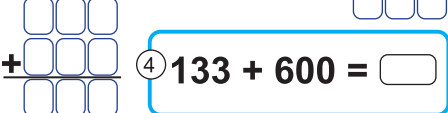
3.  Shakllarning perimetrini hisoblaymiz.



4. Rasmlarga mos keluvchi raqamlarni topamiz.

 3 	 = ?	 4 	 = ?
 +  2	 = ?  = ?	 +  5	 = ?  = ?
9 7 1		9 1 2	

5. Hisoblaymiz.

① $203 + 31 = \square$	② $422 + 300 = \square$
	
③ $433 + 39 = \square$	④ $133 + 600 = \square$
	

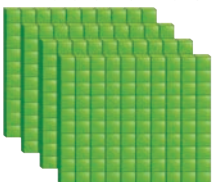
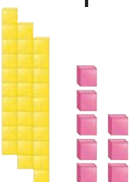
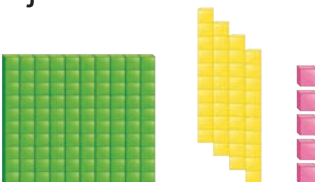
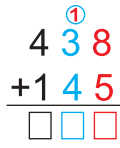
6. Hisoblaymiz. Harflarga mos sonlarni aniqlaymiz.

$$260 + 100 = a \quad a + 200 = b \quad b + 300 = c \quad c + 40 = d$$

2-bob.
6-dars

1000 ichida sonlarni qo'shish usullari

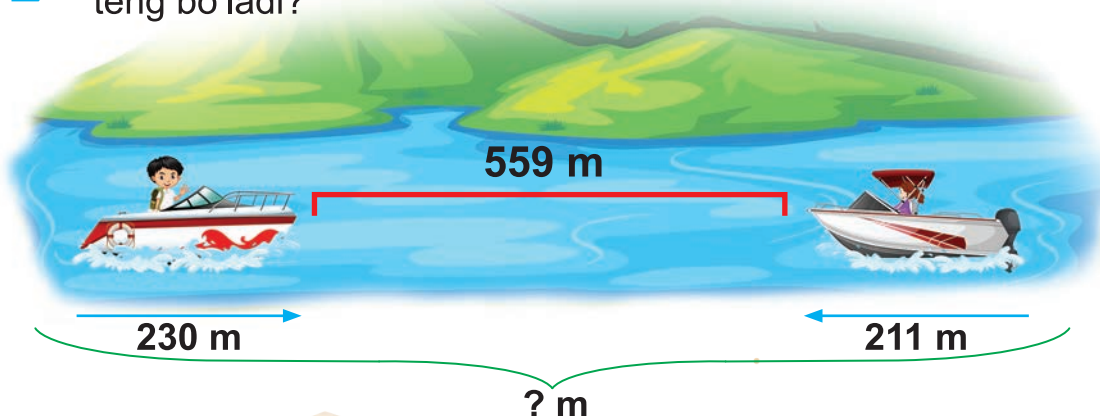
1. Modellar asosida qo'shishni bajaramiz.

			
$764 + 128$	$611 + 269$	$527 + 325$	

2. Yig'indilarni hisoblaymiz. Qanday xulosaga keldingiz?

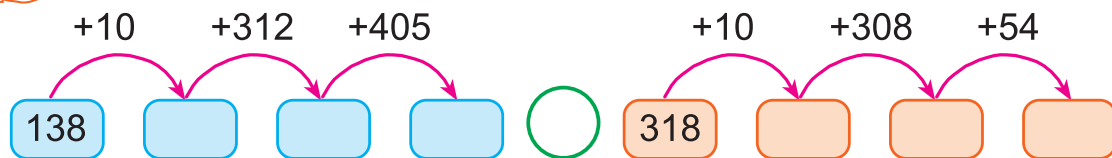
$\begin{array}{r} 524 \\ + 268 \\ \hline \end{array}$	$\begin{array}{r} 576 \\ + 114 \\ \hline \end{array}$	$\begin{array}{r} 661 \\ + 329 \\ \hline \end{array}$	$\begin{array}{r} 353 \\ + 427 \\ \hline \end{array}$
---	---	---	---

3. Qayiqlar uchrashgach, ular bosib o'tgan jami masofa qanchaga teng bo'ladi?



4.  Raqamlari yig'indisi 3 ga teng bo'lgan 3 xonali toq va 3 xonali juft sonlarni yozamiz.

5.  Hisoblaymiz. Natijalarni taqqoslaymiz.



6.  Bo'sh kataklarni to'ldiramiz.

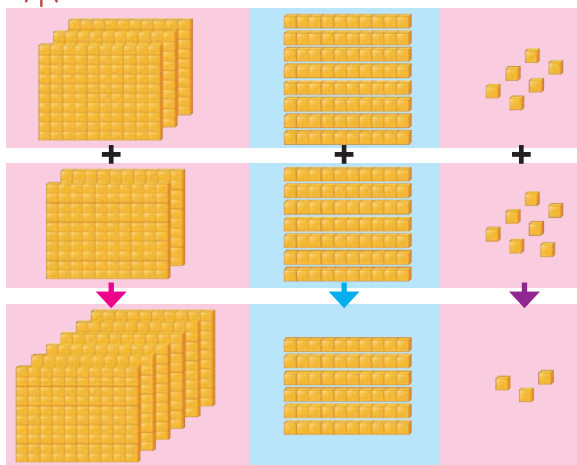
Five empty boxes for addition problems:

- $\begin{array}{r} \boxed{} \boxed{} \boxed{} \\ + 245 \\ \hline 872 \end{array}$
- $\begin{array}{r} 406 \\ + \boxed{} \boxed{} \boxed{} \\ \hline 723 \end{array}$
- $\begin{array}{r} 312 \\ \boxed{} \boxed{} \boxed{} \\ + 448 \\ \hline 965 \end{array}$
- $\begin{array}{r} 124 \\ + \boxed{} \boxed{} \boxed{} \\ \hline 541 \end{array}$
- $\begin{array}{r} 2\boxed{}9 \\ + \boxed{}5\boxed{} \\ \hline 672 \end{array}$

2-bob. 7-dars

1000 ichida sonlarni qo'shish usullari

1.  Modellarni o'qiymiz, namuna asosida hisoblaymiz.



$$\begin{array}{r} 1 \quad 1 \\ 386 \\ + 277 \\ \hline \end{array}$$

$$386 + 277 = \boxed{}$$

6 birlik + 7 birlik = 13 birlik = 1 o'nlik 3 birlik
8 o'nlik + 7 o'nlik = 15 o'nlik + 1 o'nlik =
= 16 o'nlik = 1 yuzlik 6 o'nlik
3 yuzlik + 2 yuzlik = 5 yuzlik + 1 yuzlik =
= 6 yuzlik

$$\begin{array}{ll} 312 + 498 & 184 + 547 \\ 619 + 187 + 166 & 245 + 416 + 323 \end{array}$$

2.  O'rdaklarga to'g'ri javoblarni topishda yordamlashamiz.

Six ducks holding signs with addition problems and their results:

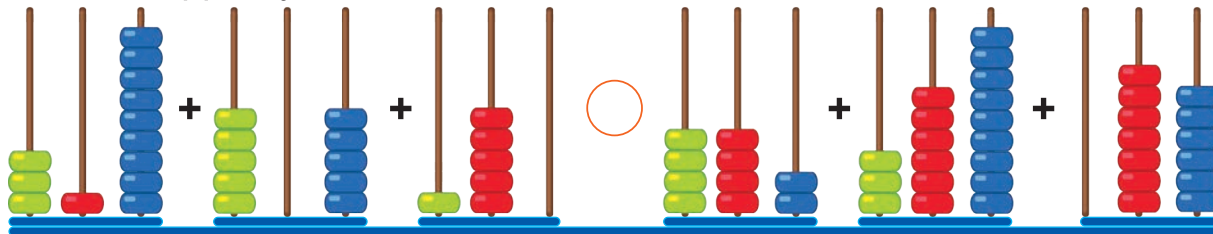
- $349 + 528 = 841$
- $235 + 185 = 912$
- $547 + 365 = 465$
- $179 + 286 = 420$
- $593 + 308 = 877$
- $457 + 384 = 901$

3.  Hisoblaymiz.

$$259 + 573 \quad 343 + 468 \quad 413 + 389 \quad 639 + 197 \quad 786 + 214$$

4.  Sinfda 12 nafar qiz va 16 nafar o'g'il bola bor. Agar sinfdan 13 nafar bola chiqib ketsa, sinfdan eng ko'pi bilan nechta o'g'il bola qolishi mumkin? Eng kamida-chi?

5.  Modellar asosida sonlarni aniqlaymiz. Ifodalarning qiymatini topib, taqqoslaymiz.



6.  Mevalar o'rnidagi sonlarni aniqlaymiz.

700, 680, 640, 580, , 400, , 140.

70, 120, 180, , 330, 420, 520, .

7.  Berilgan harflarga mos sonlarni o'sib borish tartibida joylashtirib, yashirilgan so'zni topamiz.

$$467 + 84 = g$$

$$470 + 350 = r$$

$$386 + 275 = o$$

$$670 + 200 = i$$

$$342 + 63 = l$$

$$574 + 417 = m$$

$$671 + 236 = t$$

$$290 + 54 = a$$

2-bob.
8-dars

1000 ichida sonlarni qo'shish usullari

$$\begin{array}{r} 1 \quad 5 \quad 6 \\ + 8 \quad 4 \quad 3 \\ \hline 9 \quad 9 \quad 9 \end{array}$$



1.  Modellar asosida hisoblaymiz. Natijada qaysi son hosil bo'ldi?

$$\begin{array}{r} 575 \\ + 425 \\ \hline \end{array}$$

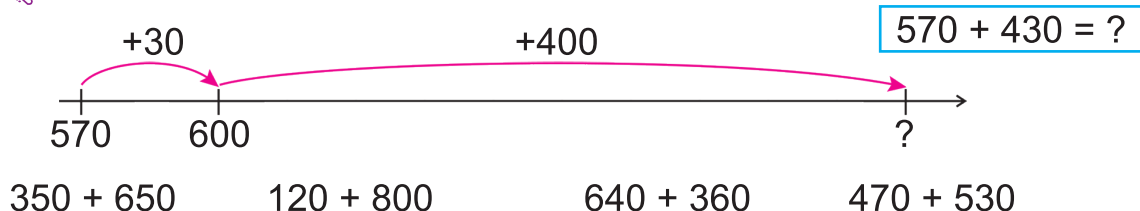
$$936 + 64$$

$$643 + 357$$

$$207 + 793$$

$$483 + 379$$

2.  Namuna asosida ifodalarni son nurida ko'rsatamiz.



3.  Hisoblaymiz.

$68 + 547 + 385$ $84 + 426 + 489$ $77 + 323 + 546$ $192 + 430 + 378$

4.  Qaysi transport eng ko'p yo'lovchi sig'dira oladi?

Bir vaqtda bu transportlar qancha yo'lovchiga xizmat qiladi?



200 ta



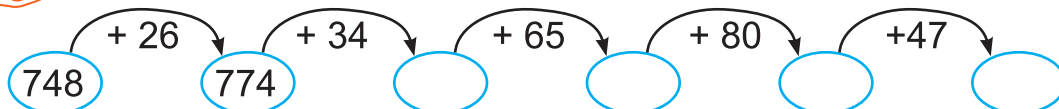
350 ta



250 ta

$200 + 200 + 200 + 200 + 200$; $350 + 250$; $350 + 350$ ifodalar nimani anglatadi? Shunga o'xshash yana qanday ifodalar tuzish mumkin?

5.  Natija nimaga teng?



6.  Hisoblaymiz.

$365 + 635$ $524 + 476$ $272 + 548$ $459 + 391$ $763 + 237$
 $483 + 279$ $136 + 748$ $615 + 197$ $707 + 293$ $346 + 654$

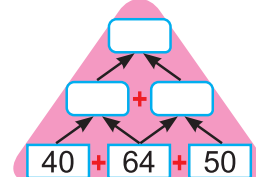
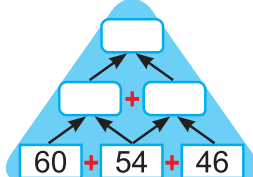
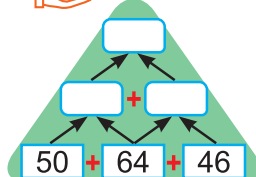
2-bob.
9-dars

1000 ichida sonlarni qo'shish usullari

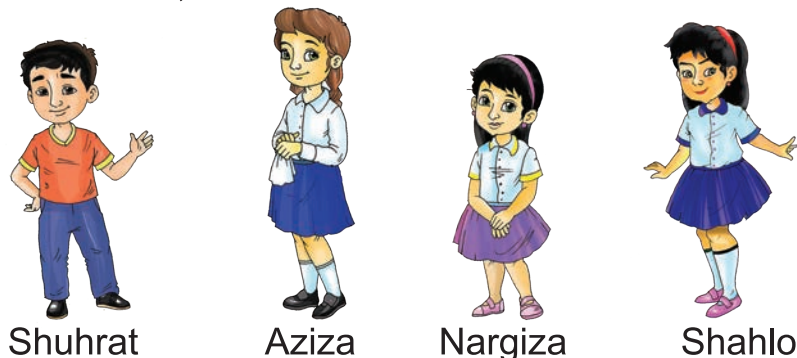
1.  Qulay usulda hisoblaymiz.

$143 + 289 + 457$ $214 + 142 + 358$ $\begin{array}{r} 138 \\ 142 \\ + 315 \\ \hline \end{array}$ $\begin{array}{r} 41 \\ 133 \\ + 59 \\ \hline \end{array}$ $\begin{array}{r} 52 \\ 331 \\ + 148 \\ \hline \end{array}$

2.  Kim tez hisoblaydi?



3.  Uzunliklarni santimetrda ifodalaymiz va bolalarning bo'yiga mos uzunlikni chamalab topib, o'sish tartibida aytamiz: 1 m 48 cm, 1 m 35 cm, 1 m 65 cm, 1 m 20 cm.



Shuhrat

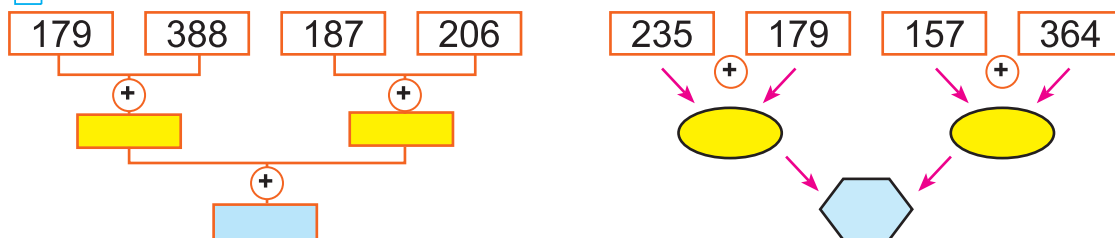
Aziza

Nargiza

Shahlo

Shuhrat bilan Shahloning bo'ylari uzunligi yig'indisi Nargiza bilan Aziza-ning bo'ylari uzunligi yig'indisidan qanday farq qiladi?

4.  Hisoblaymiz. Natijalarni taqqoslaymiz.

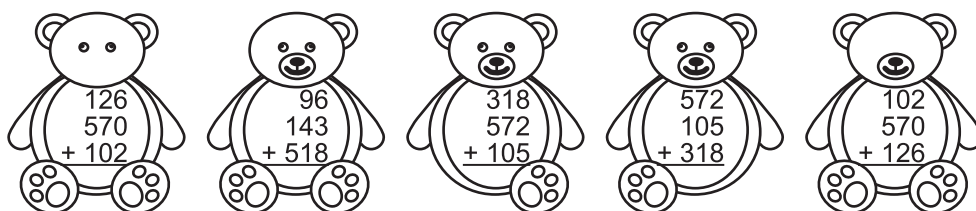


5.  1000 gacha bo'lgan sonlardan nechtasining raqamlari yig'indisi 1 ga teng?
1000 gacha bo'lgan sonlardan nechtasining raqamlari yig'indisi 2 ga teng?

6.  Mos sonlarni qo'yib hisoblaymiz.

$\begin{array}{r} 192 \\ + 3\star4 \\ \hline 576 \end{array}$	$\begin{array}{r} 6\star7 \\ + 172 \\ \hline 819 \end{array}$	$\begin{array}{r} 32\star \\ + 426 \\ \hline 746 \end{array}$	$\begin{array}{r} \star01 \\ + 331 \\ \hline 632 \end{array}$	$\begin{array}{r} 337 \\ + 59\star \\ \hline 929 \end{array}$	$\begin{array}{r} \star\star\star \\ 216 \\ + 184 \\ \hline 679 \end{array}$	$\begin{array}{r} 310 \\ \star\star\star \\ + 181 \\ \hline 792 \end{array}$	$\begin{array}{r} 165 \\ 183 \\ + \star\star\star \\ \hline 546 \end{array}$
---	---	---	---	---	--	--	--

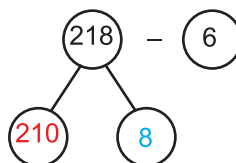
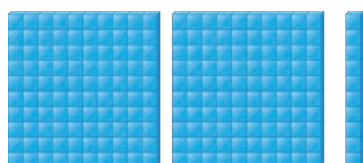
7.  Hisoblaymiz va ayiqchalarning chizilmay qolgan a'zolarini topamiz.



2-bob.
10-dars

1000 ichida sonlarni ayirish usullari

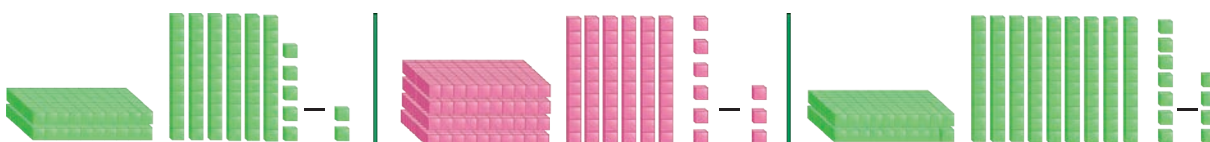
1.  Hisoblash qanday bajarilgan?



$$\begin{array}{r} 8 - 6 = \square \\ \square + \square = \square \end{array}$$

$$289 - 3 \quad 329 - 7 \quad 846 - 5 \quad 167 - 4 \quad 628 - 8 \quad 455 - 2$$

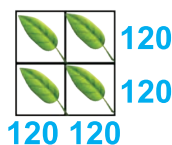
2.  Modelga mos ifoda tuzib, qiymatini topamiz.



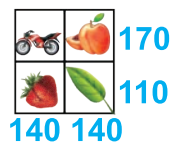
3.  Bo'sh katakchalarga mos sonlarni yozamiz.

$$\begin{array}{ccccccc} 438 - 2 & > & 421 & & 189 - 4 & > & 767 - 6 \\ 125 + 27 & < & & < & 347 + 34 & < & 918 - 0 \end{array}$$

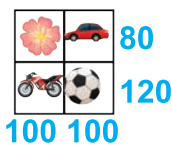
4.  Berilgan narsalar qanday sonlarni anglatadi?



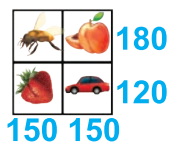
120 120



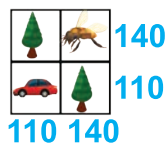
140 140



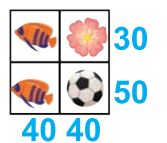
100 100



150 150



110 140



40 40



5.  Avtoturargoh 133 ta mashinaga mo'ljallangan. Unda 5 ta mashina turibdi. Qancha bo'sh joy bor?

6.  Sonlarni kamayish tartibida joylashtiramiz. Kim tez aytadi?

$$\square > \square > \square > \square > \square > \square$$



7.  Namuna asosida hisoblaymiz.

$$\begin{array}{r} 325 \\ - 4 \\ \hline 321 \end{array}$$

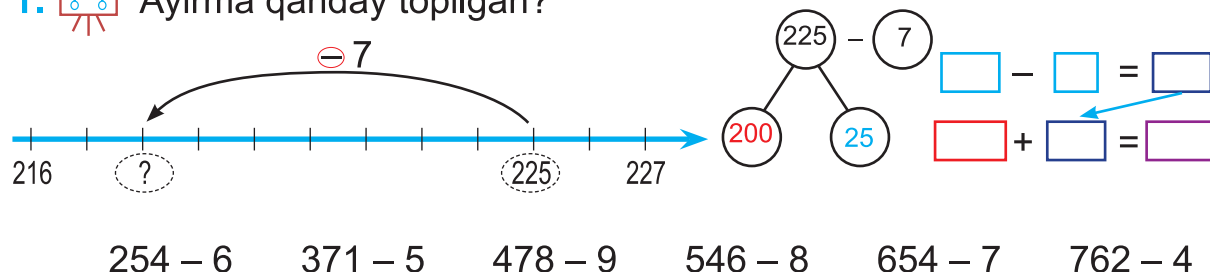
$$325 - 4 \quad 368 - 5 \quad 618 - 8 \quad 789 - 2 \quad 708 - 7 \quad 589 - 6$$

2-bob.
11-dars

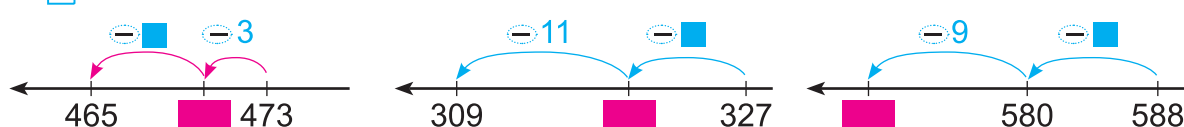
1000 ichida sonlarni ayirish usullari



1. Ayirma qanday topilgan?

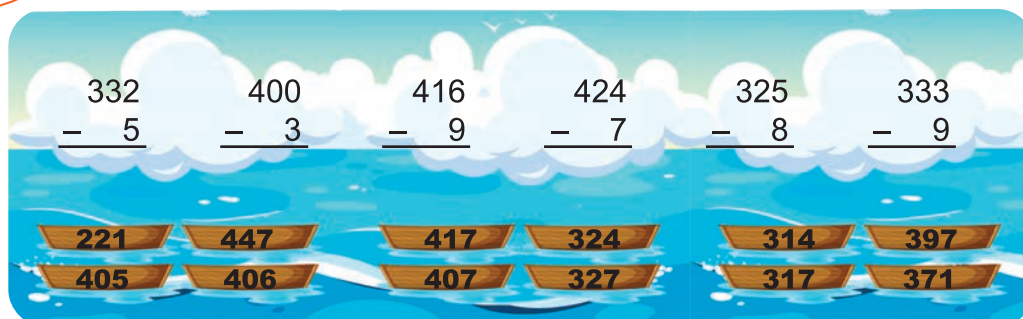


2. Ifodalar tuzamiz va qiymatlarini topamiz.

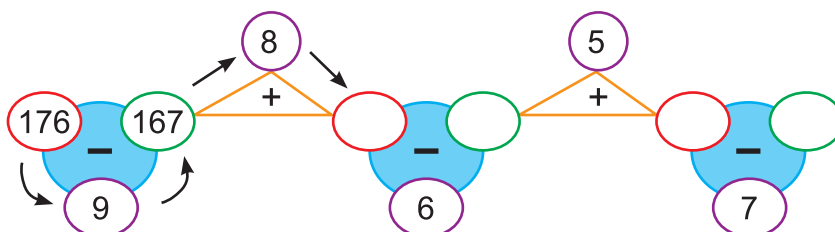


3. Raqamlari yig'indisi 4 ga teng bo'lgan va tarkibida 0 raqami mavjud bo'lmagan uch xonali sonlarni yozamiz.

4. Ayirmalarga mos javoblarni aniqlaymiz.



5. Hisoblaymiz va bo'sh doirachalarni to'ldiramiz.



6. Hovuzda 125 ta o'rdak suzib yurgan edi. Tongda 9 ta, tush paytida yana 8 ta o'rdak uchib ketdi. Hovuzda nechta o'rdak qoldi? Jami nechta o'rdak uchib ketdi?

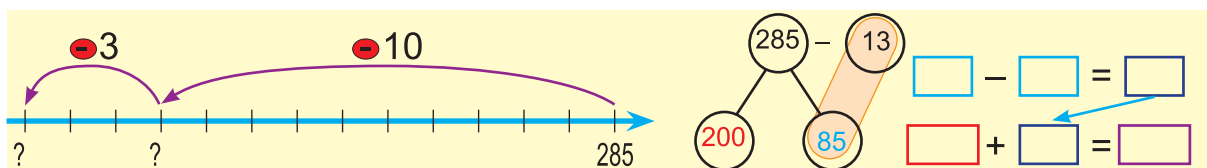
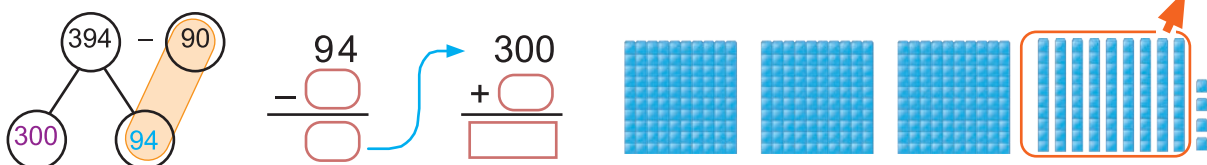
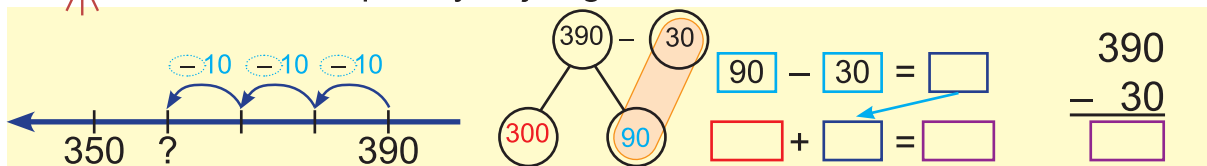
7. Natijalarni taqqoslaymiz.

$241 - 3$	$252 - 9$	$325 + 6 + 9$	$674 - 5 - 6$
$976 - 9$	$967 - 9$	$775 - 8 - 9$	$892 - 7 - 8$

2-bob.
12-dars

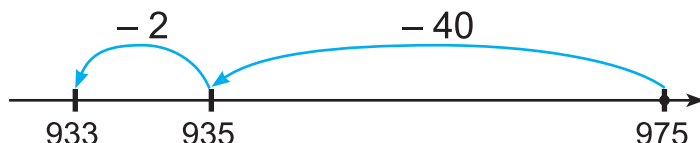
1000 ichida sonlarni ayirish usullari

1.  Hisoblashlar qanday bajarilgan?



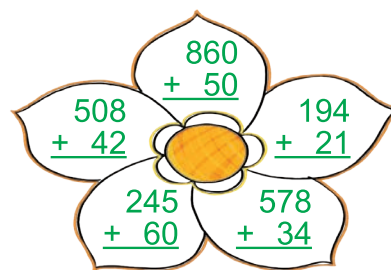
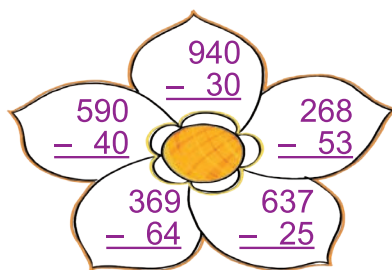
580 - 40 875 - 50 685 - 30 737 - 20 475 - 32 969 - 26

2.  Modelda qaysi ifoda berilgan?



● 402 - 35
● 975 - 42
● 975 - 420

3.  Kim tez hisoblaydi?



4.  Ayirish qanday bajarilgan? Xulosamizni aytamiz.

627 - 11 = ? 627 - 10 = 617 617 - 1 = ?

	- 11
627	616
355	

	- 11
784	
462	

	- 11
191	
533	

	- 11
279	
848	

5.  Noma'lum kamayuvchi va ayriluvchilarni topamiz.

$$\begin{array}{r} 150 \\ - \text{?}0 \\ \hline 140 \end{array}$$

$$\begin{array}{r} 168 \\ - \text{?} \\ \hline 101 \end{array}$$

$$\begin{array}{r} 3\text{?}4 \\ - \text{?}1 \\ \hline 323 \end{array}$$

$$\begin{array}{r} 680 \\ - \text{?}0 \\ \hline 650 \end{array}$$

$$\begin{array}{r} 76\text{?} \\ - \text{?}2 \\ \hline 731 \end{array}$$

6.  Dilshod 179 betli kitob o'qimoqda. U birinchi kuni 28 bet, ikkinchi kuni birinchi kundagidan 12 bet ko'p o'qigan bo'lsa, kitobni tugatish uchun yana necha bet o'qishi kerak?

7.  Hisoblaymiz.

$$\begin{array}{r} 790 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 784 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 448 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 357 \\ - 36 \\ \hline \end{array}$$

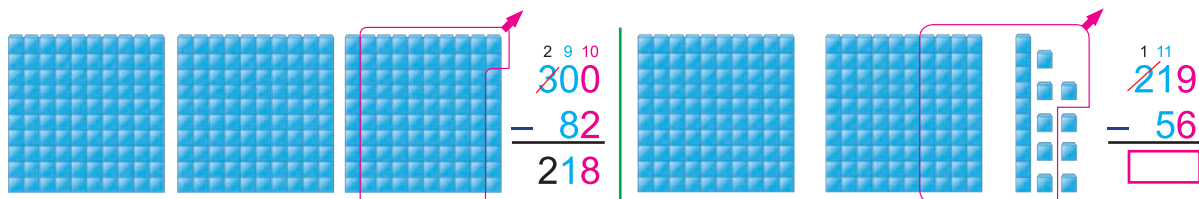
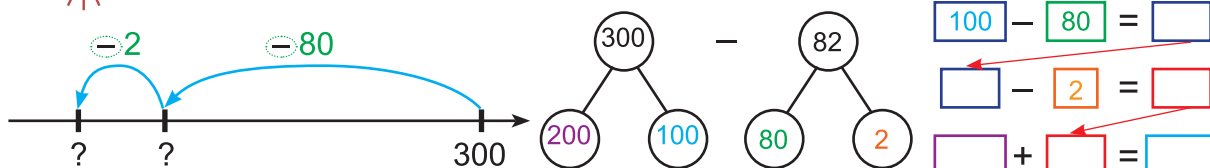
$$\begin{array}{r} 674 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 927 \\ - 20 \\ \hline \end{array}$$

2-bob.
13-dars

1000 ichida sonlarni ayirish usullari

1.  Ayirmalar qanday topilganini eslab qolamiz.



400 - 58 600 - 75 213 - 22 547 - 93 732 - 27 907 - 29

2.  Bo'sh katakchalarga mos sonlarni topamiz.



3.  Har bir shaklga mos sonlarni topamiz va ifodalar tuzamiz.

$$50 + 100 = \triangle + 70$$

$$\blacksquare + \triangle = 30 + 90$$

$$\blacksquare - \bullet = 100 - \triangle$$

$$\bullet + \triangle + \blacksquare = ?$$

4.  Hisoblaymiz.

$$\begin{array}{r} 409 \\ - 82 \\ \hline \end{array}$$

$$\begin{array}{r} 973 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 645 \\ - 78 \\ \hline \end{array}$$

$$\begin{array}{r} 523 \\ - 65 \\ \hline \end{array}$$

$$\begin{array}{r} 782 \\ - 96 \\ \hline \end{array}$$

5.  Jami 200 ta bosh kiyim sotilgan bo'lsa, do'ppilar soni qancha?



35 ta

? ta

27 ta

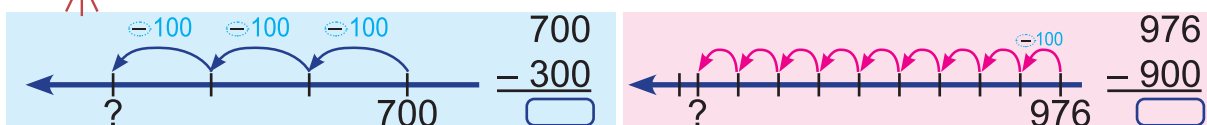
6.  Айirmalarni topamiz va eng kichik qiymatni aniqlaymiz.

$$\begin{array}{r} 295 \\ - 83 \\ \hline \end{array} \quad \begin{array}{r} 820 \\ - 46 \\ \hline \end{array} \quad \begin{array}{r} 238 \\ - 96 \\ \hline \end{array} \quad \begin{array}{r} 305 \\ - 18 \\ \hline \end{array} \quad \begin{array}{r} 752 \\ - 64 \\ \hline \end{array} \quad \begin{array}{r} 853 \\ - 89 \\ \hline \end{array} \quad \begin{array}{r} 926 \\ - 47 \\ \hline \end{array} \quad \begin{array}{r} 329 \\ - 13 \\ \hline \end{array}$$

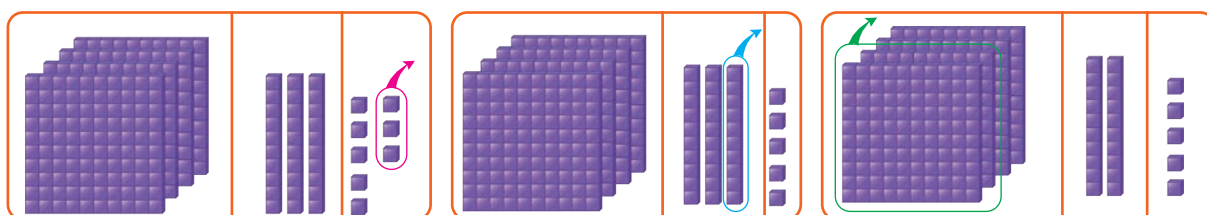
2-bob.
14-dars

1000 ichida sonlarni ayirish usullari

1.  Hisoblashlar qanday bajarilgan?



$$400 - 100 \quad 600 - 500 \quad 862 - 800 \quad 993 - 600 \quad 788 - 500$$



$$\begin{array}{r} 438 \\ - 213 \\ \hline 225 \end{array} \quad \begin{array}{r} 438 \\ - 213 \\ \hline 225 \end{array} \quad \begin{array}{r} 438 \\ - 213 \\ \hline 225 \end{array}$$

$$\begin{array}{r} 379 \\ - 143 \\ \hline 236 \end{array} \quad \begin{array}{r} 407 \\ - 106 \\ \hline 301 \end{array} \quad \begin{array}{r} 676 \\ - 254 \\ \hline 422 \end{array} \quad \begin{array}{r} 824 \\ - 513 \\ \hline 311 \end{array} \quad \begin{array}{r} 976 \\ - 665 \\ \hline 311 \end{array}$$

2.  Namuna asosida hisoblaymiz.

$$\begin{array}{r} 237 \\ - 113 \\ \hline 124 \end{array} \quad \begin{array}{r} 237 \\ - 113 \\ \hline 124 \end{array} \quad \begin{array}{r} 237 \\ - 113 \\ \hline 124 \end{array}$$

$$456 - 124 \quad 523 - 312 \quad 779 - 645 \quad 967 - 256$$

3.  Tarozi teng bo'lishi uchun so'roq o'rniga qaysi shakllar mos keladi?



4.  Restoranda jami 348 ta pitsa tayyorlandi. Ulardan 114 tasi pishloqli va pomidorli, 102 tasi pomidorli va go'shtli bo'lsa, qo'ziqorinli pitsadan nechta tayyorlangan?

5.  Hisoblaymiz. Mos javoblarni aniqlaymiz.

$$\begin{array}{r} 151 - 9 \\ 910 - 6 \\ 336 - 7 \end{array}$$

$$904 \quad 142 \quad 329$$

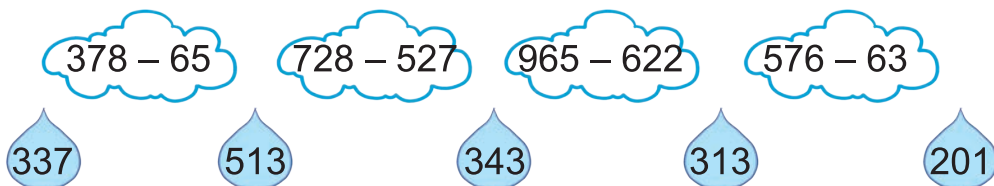
$$\begin{array}{r} 588 - 18 \\ 332 - 32 \\ 493 - 63 \end{array}$$

$$570 \quad 430 \quad 300$$

$$\begin{array}{r} 874 - 444 \\ 345 - 325 \\ 933 - 703 \end{array}$$

$$430 \quad 20 \quad 230$$

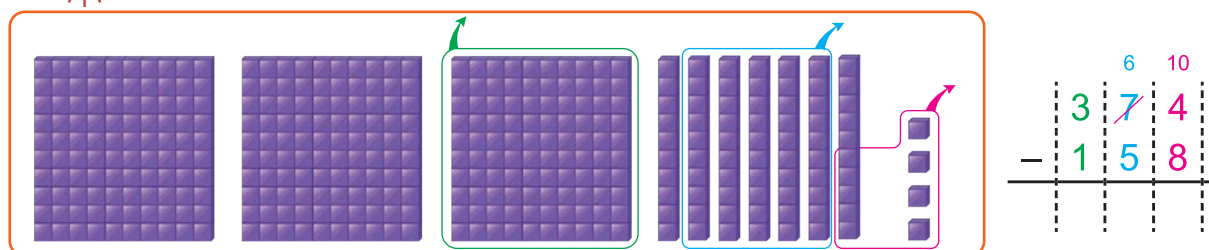
6.  Har bir ifodaning qiymatini topamiz. Berilgan sonlardan qaysi biri ortiqcha?



2-bob.
15-dars

1000 ichida sonlarni ayirish usullari

1.  Modellar asosida hisoblaymiz.

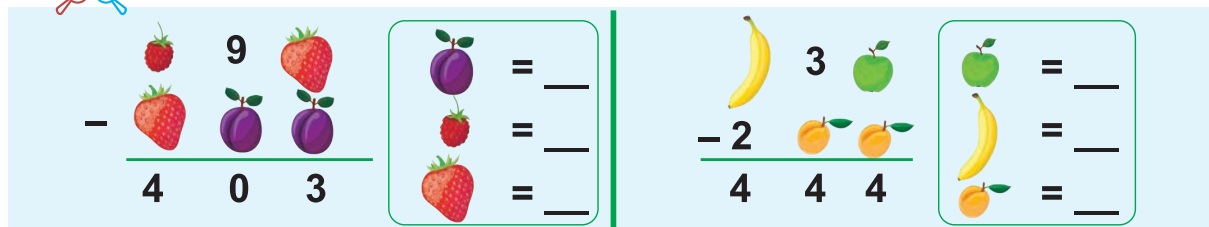


791	423	865	672	961
$- 428$	$- 404$	$- 136$	$- 245$	$- 547$

2.  Ayirmalarni topamiz.

$561 - 435$	$780 - 308$	$835 - 118$	$992 - 278$
-------------	-------------	-------------	-------------

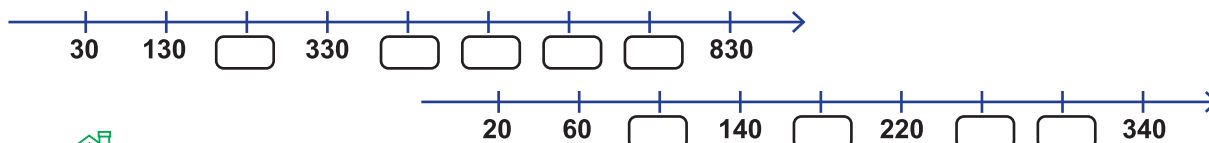
3.  Mevalar qanday raqamlarni anglatadi?



4.  Qo'g'irchoq teatrining tomosha zali 282 o'rinni. «Oppog'oy» teatr tomoshasi uchun 267 ta chipta sotildi. Teatr tomosha zalida nechta o'rindiqlik bo'sh qoldi?



5.  Sonlar ketma-ketligini mantiqiy davom ettiramiz.



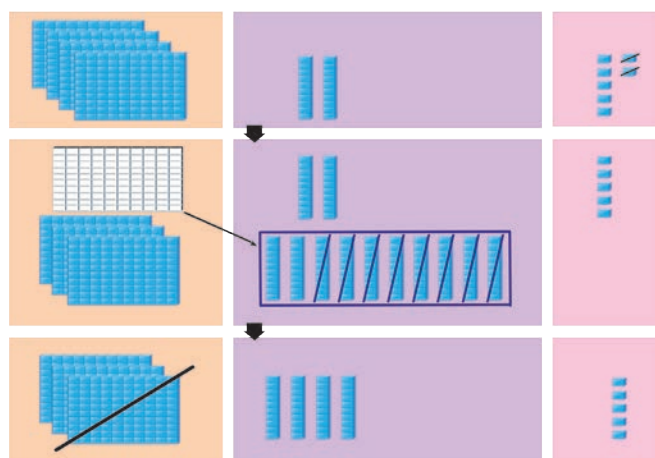
6.  Hisoblaymiz.

191	172	900	580	690	593	785
$- 156$	$- 145$	$- 600$	$- 458$	$- 490$	$- 547$	$- 367$

2-bob.
16-dars

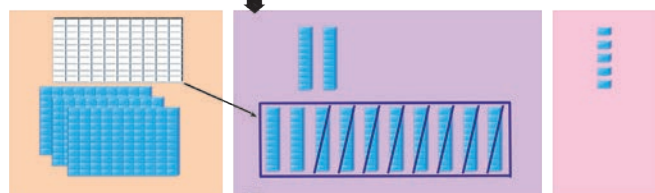
1000 ichida sonlarni ayirish usullari

1.  Modellar asosida hisoblashni tushuntiramiz.



①

y	o'	b
4	2	7
-	1	8
		5



②

y	o'	b
4	2	7
-	1	8
		5

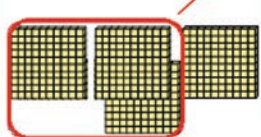
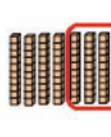


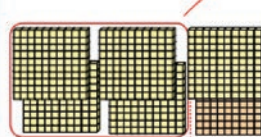
③

y	o'	b
4	2	7
-	1	8
		5

$$\begin{array}{r}
 528 \\
 + 293 \\
 \hline
 \end{array}
 \rightarrow
 \begin{array}{r}
 \\
 - 431 \\
 \hline
 \end{array}
 \rightarrow
 \begin{array}{r}
 \\
 + 310 \\
 \hline
 \end{array}
 \rightarrow
 \begin{array}{r}
 \\
 - 235 \\
 \hline
 465
 \end{array}$$

2.  Namuna asosida ifodalarga mos modellar tuzib hisoblaymiz.

yuzlar	o'nlar	birlar
		
482 - 341		

yuzlar	o'nlar	birlar
		
613 - 442		

245 - 183 537 - 246 825 - 674 326 - 184 417 - 295

3.  Ayirmani hisoblashning og'zaki usulini ko'ramiz va xulosamizni aytamiz.

479 - 198 = ?

Ayirmani 479 - 200 ga almashtirib, keyin 2 ni qo'shamiz.

479 - 200 = 279
279 + 2 = 281

945 - 296 632 - 297 854 - 199 501 - 202

4. 



-



2



5



5



-



2



1



= ?



= ?



= ?

5. Bo'laklab ayiramiz.

$$\begin{array}{r} 547 - 385 - 68 \\ \hline \end{array} \quad \begin{array}{r} 489 - 84 - 126 \\ \hline \end{array} \quad \begin{array}{r} 376 - 127 - 27 \\ \hline \end{array} \quad \begin{array}{r} 678 - 81 - 269 \\ \hline \end{array}$$

6. Ketma-ketlikda hisoblaymiz.

$$\begin{array}{r} 976 \\ - 243 \\ \hline \end{array} \rightarrow \begin{array}{r} \\ - 167 \\ \hline \end{array} \rightarrow \begin{array}{r} \\ - 103 \\ \hline \end{array} \rightarrow \begin{array}{r} \\ - 96 \\ \hline \end{array} \rightarrow \begin{array}{r} \\ - 143 \\ \hline \end{array}$$

2-bob.
17-dars

1000 ichida sonlarni ayirish usullari

1. Modellar yordamida hisoblashlarni tushuntiramiz.

$$1000 - 300 = ?$$

1000 - 10 ta yuzlik
300 - 3 ta yuzlik

10 ta yuzlikdan 3 ta yuzlikni ayirsak, 7 ta yuzlik qoladi.
Demak, $1000 - 300 = 700$.

$$\begin{array}{r} 1000 - 70 \\ \hline \end{array} \quad \begin{array}{r} 100 - 70 = ? \\ 900 + 30 = ? \end{array}$$

$$\begin{array}{r} 9 \ 10 \\ \cancel{1}000 \\ - 70 \\ \hline 930 \end{array}$$

$$\begin{array}{r} 1000 - 370 \\ \hline \end{array} \quad \begin{array}{r} 900 - 300 = 600 \\ 100 - 70 = 30 \\ 600 + 30 = ? \end{array}$$

$$\begin{array}{r} 9 \ 10 \\ \cancel{1}000 \\ - 370 \\ \hline 630 \end{array}$$

$$\begin{array}{r} 9 \ 9 \ 10 \\ \cancel{1}000 \\ - 325 \\ \hline 675 \end{array}$$

$$\begin{array}{r} 1000 - 400 \\ 1000 - 60 \\ 1000 - 245 \end{array}$$

$$\begin{array}{r} 1000 - 900 \\ 1000 - 420 \\ 1000 - 573 \end{array}$$

$$\begin{array}{r} 1000 - 40 \\ 1000 - 760 \\ 1000 - 666 \end{array}$$

2. Ayirmalarni topamiz.

$$\begin{array}{r} 1000 \\ - 190 \\ \hline \end{array}$$

$$\begin{array}{r} 1000 \\ - 230 \\ \hline \end{array}$$

$$\begin{array}{r} 1000 \\ - 431 \\ \hline \end{array}$$

$$\begin{array}{r} 1000 \\ - 647 \\ \hline \end{array}$$

$$\begin{array}{r} 1000 \\ - 777 \\ \hline \end{array}$$

$$\begin{array}{r} 1000 \\ - 820 \\ \hline \end{array}$$

3.

$$\begin{array}{r} \text{3 knives} \\ - \text{1 slice} \quad 3 \quad \text{3 slices} \\ \hline \text{2 slices} \quad 3 \quad \text{1 slice} \end{array}$$

$$\begin{array}{r} \text{1 knife} = ? \\ \text{1 slice} = ? \\ \text{2 slices} = ? \end{array}$$

4. Karim va Anora lego donalarini bo'lib olmoqchi. Agar Karim o'ziga 528 ta lego donasini olgan bo'lsa, Anoraga nechta lego donasi qoladi?



5.  Kim tez hisoblaydi? Natijalar nimaga teng?

$$\begin{array}{r} 927 \\ - 415 \\ \hline \end{array} - \begin{array}{r} 207 \\ \hline \end{array}$$

$$\begin{array}{r} 765 \\ - 546 \\ \hline \end{array} - \begin{array}{r} 364 \\ \hline \end{array}$$

6.  Hisoblaymiz. Qaysi ifodaning qiymati eng katta?

$$\begin{array}{r} 1000 \\ - \text{yellow box} \\ \hline 126 \end{array}$$

$$\begin{array}{r} 695 \\ - \text{green box} \\ \hline 287 \end{array}$$

$$\begin{array}{r} 582 \\ - 60 \\ \hline \text{yellow box} \end{array}$$

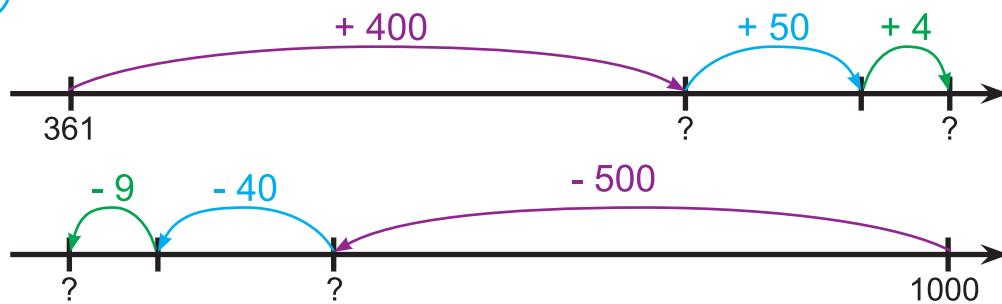
$$\begin{array}{r} \text{green box} \\ - 286 \\ \hline 714 \end{array}$$

$$\begin{array}{r} 849 \\ - \text{yellow box} \\ \hline 217 \end{array}$$

2-bob.
18-dars

1000 ichida sonlarni ayirish usullari

1.  Modellar asosida ifodalar tuzamiz.



2.  Namuna asosida sonlarni orttiramiz va hisoblaymiz.

$$\begin{array}{lll} 16 - 5 = 11 & 160 - 50 = ? & 160 + 500 = ? \\ 8 + 23 = 31 & 80 + 230 = ? & 800 - 230 = ? \end{array}$$

$$34 - 6$$

$$7 + 19$$

$$62 - 3$$

$$4 + 47$$

$$3 + 68$$

$$25 + 7$$

3.  Mos sonlarni topamiz.

$$\begin{array}{cc} \text{strawberry} & \text{bee} \\ \hline 90 & 90 \end{array}$$

$$\begin{array}{cc} \text{apple} & \text{leaf} \\ \hline 120 & 130 \end{array}$$

$$\begin{array}{cc} \text{tree} & \text{tree} \\ \hline 80 & 60 \end{array}$$

$$\begin{array}{cc} \text{soccer ball} & \text{soccer ball} \\ \hline 100 & 120 \end{array}$$

$$\begin{array}{cc} \text{fish} & \text{car} \\ \hline 200 & 90 \end{array}$$

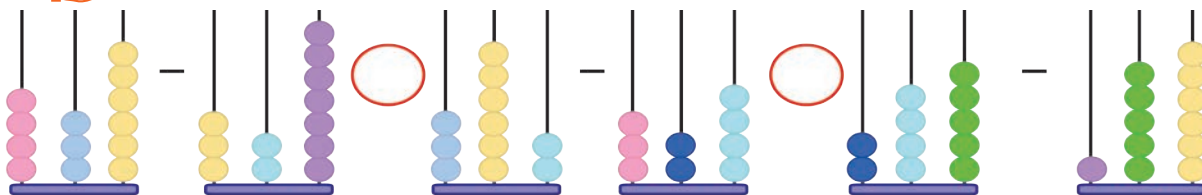
$$\begin{array}{cc} \text{fish} & \text{bee} \\ \hline 220 & 220 \end{array}$$

$$\begin{array}{ccc} \text{leaf} & \text{strawberry} & \text{apple} \\ \hline & & \\ \text{fish} & \text{bee} & \text{flower} \\ \hline & 80 & \\ \text{car} & \text{tree} & \text{soccer ball} \\ \hline & & \end{array}$$

4.  Sport anjomlari do'konida 1000 ta to'p bor. Jadvaldan foydalanib ayting-chi, bowling sharlari nechta?

				
284	154	?	379	104

5.  Model asosida ayirmalarni topamiz va taqqoslaymiz.



6.  Hisoblaymiz.

$$\begin{array}{r} 305 \\ + 126 \\ \hline \end{array} \quad \begin{array}{r} \\ - 315 \\ \hline \end{array} \quad \begin{array}{r} \\ + 666 \\ \hline \end{array} \quad \begin{array}{r} \\ - 493 \\ \hline 289 \end{array}$$

2-bob. 19-dars

Qo'shishga doir masalalar

1.  Jadvallarni to'ldiramiz. Kim chaqqon?

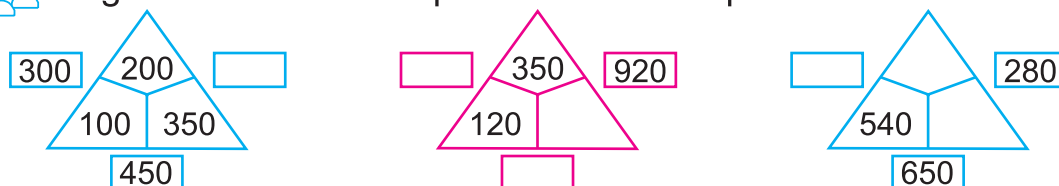
			10 ta kam	95	105	707	10 ta ko'p		
				122	590	480			
				289	874	399			

2. 



Velopoyga yo'lakchasining uzunligi 870 m. 1-bayroqqacha bo'lgan masofa 360 m va 1-bayroqdan 2-bayroqqacha bo'lgan masofa 190 m bo'lsa, marragacha yana qancha masofa bor?

3.  Yig'indi va noma'lum qo'shiluvchilarni topamiz.



4.  Tarozi teng bo'lishi uchun qanday yig'indini qo'yish mumkin? Teng qiymatli yig'indilarni mustaqil tuza olasizmi?



5.  Qaysi yo'ldan yursak, uydan sirkka tez yetib boramiz?



6.  Namuna asosida natijasi 1000 ga teng bo'lgan ifodalar tuzamiz.

$$100 + 900 = 1000$$

$$250 + 250 + 250 + 250 = 1000$$

500 100 150 200 250 300 350 400 450 500

550 600 650 700 750 800 850 900 950

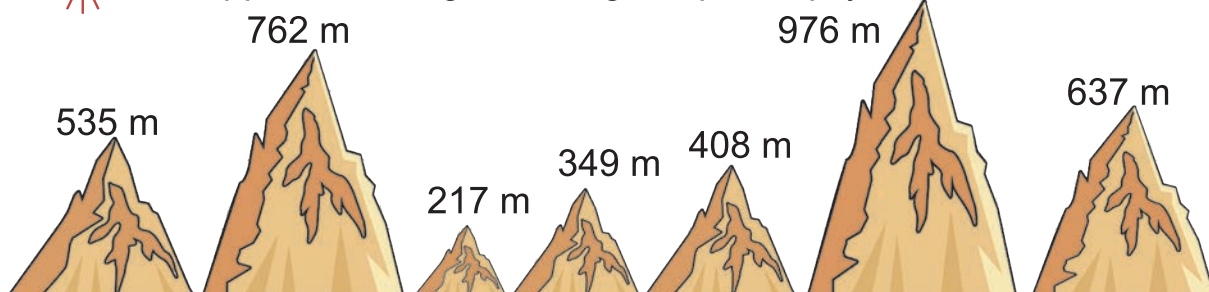
2-bob.
20-dars

Ayirishga doir masalalar

1.  Otam 35, onam 32 yoshdalar. Mening yoshim otam va onamning yoshlari yig'indisidan 57 ga kichik. Mening yoshim nechada?

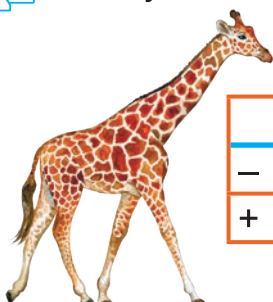


2.  Cho'qqilar balandligi orasidagi farqni aniqlaymiz.



- Eng past cho'qqi necha metr? Qaysi cho'qqi balandligi unga yaqin?
- Eng baland cho'qqi bilan eng past cho'qqi balandligi orasida necha metr farq bor?
- Cho'qqilar balandligini o'sish va kamayish tartibida aytamiz. Kim tez aytadi?

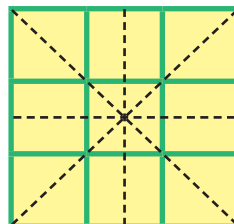
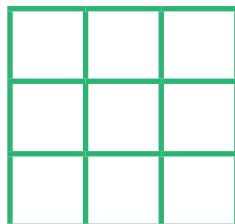
3.  Qulay usulda hisoblaymiz va jadvalni to'ldiramiz.



	209	427	215	370	533	299	643
– 198	11						
+ 109	318						

4.  Sonlarni jadvalga shunday joylangki, hamma tomondan hisoblaganda yig'indi 150 ga teng bo'lsin.

80	30	10
	20	50
40		60
		90
	70	



5.  Bayram tadbiri uchun 183 ta shardan gul yasatildi. Tadbir davomida bir nechta shar yorilib, 171 ta qoldi. Yasalgan gulda sharlar nechtaga kamaydi?



6.  Jadvalda avtosalon ikki yil davomida sotgan avtomobillar soni haqida ma'lumot berilgan.

	Yan.	Fev.	Mart	Apr.	May	Iyun	Iyul	Avg.	Sent.	Okt.	Noy.	Dek.
1-yil	85	83	98	102	118	135	88	97	116	83	125	128
2-yil	123	106	87	114	90	106	124	113	131	77	92	75

- Har bir yilda sotilgan avtomobillar sonini oylar kesimida taqqoslaymiz.
- 1-yilning qaysi oyida eng kam mashina sotilgan?
- 2-yilning qaysi oyida o'tgan oyga nisbatan savdo hajmi eng ko'p o'sgan?

2-bob. 21-dars

Qo'shish va ayirishga doir masalalar

1.  Ifodalar sizga nimani eslatdi? Xulosamizni aytamiz.

$$147 + 138 = 285$$

$$138 + 147 = 285 \quad 285 - 147 = 138 \quad 285 - 138 = 147$$

$$243 + 649 = ?$$

$$700 - 278 = ?$$

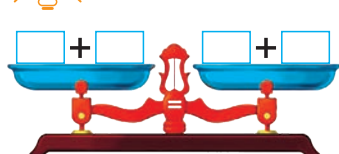
$$329 + 495 = ?$$

2.  Hasan bobo dalasidan loviya, mosh va no'xat yig'ib oldi.

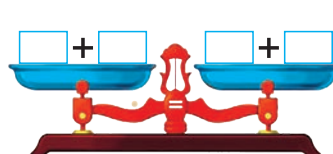
Dehqon boboning bu yilgi jami hosili necha kilogramm bo'ladi? Mosh va loviyaning jami og'irligi no'xatdan necha kilogramm ko'p? Eng kam hosil qaysi dukkaklidan olingan?



3.  Sonlarni taroziga moslab joylashtiramiz.



240
180
460
520



200
800
400
600

4.  O'zbekiston Qizil yarimoy jamiyati tomonidan 225 quti oziq-ovqat, issiq ko'rpa va kiyimlar tayyorlandi. Ulardan 78 qutisi oziq-ovqat, 105 qutisi issiq ko'rpalar bo'lsa, necha quti kiyim bor?

5.  Noma'lum qo'shiluvchilarni topamiz.

$$\begin{array}{|c|c|c|c|c|} \hline 73 & + & \dots & + & 18 \\ \hline + & \blacksquare & + & \blacksquare & + \\ \hline \dots & + & 94 & + & \dots \\ \hline \end{array} = 125$$

$$\begin{array}{|c|c|c|c|c|} \hline \dots & + & 126 & + & \dots \\ \hline + & \blacksquare & + & \blacksquare & + \\ \hline 371 & + & \dots & + & \dots \\ \hline \end{array} = 813$$

$$\begin{array}{|c|c|c|c|c|} \hline \dots & + & 94 & + & \dots \\ \hline \dots & + & 94 & + & \dots \\ \hline \end{array} = 206$$

140 128 63

$$\begin{array}{|c|c|c|c|c|} \hline \dots & + & 126 & + & \dots \\ \hline + & \blacksquare & + & \blacksquare & + \\ \hline 371 & + & \dots & + & \dots \\ \hline \end{array} = 813$$

$$\begin{array}{|c|c|c|c|c|} \hline \dots & + & 126 & + & \dots \\ \hline + & \blacksquare & + & \blacksquare & + \\ \hline 371 & + & \dots & + & \dots \\ \hline \end{array} = 928$$

796 485 460

6. 



Maktab sport to'garagida 255 nafar o'quvchi futbol, basketbol va volleybol bilan shug'ullanyapti.

75 nafar o'quvchi futbol, undan 50 nafar ko'p o'quvchi basketbol o'ynamoqda. Aytingchi, necha nafar o'quvchi volleybol o'ynayapti?



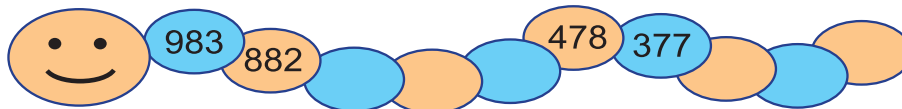
7.  Namuna asosida jadvalni to'ldiramiz. Yig'indilar qanday o'zgarib boryapti?

$40 + 50 = 90$	$400 + 500 = 900$	$400 + 50 = 450$	$40 + 500 = 540$
$10 + 70$			
$60 + 30$			
$50 + 10$			
$90 + 10$			
$60 + 40$			

2-bob.
22-dars

Sonlar va shakllar ketma-ketligini mantiqiy davom ettirish

1.  Sonlar qatorini to'ldiramiz va farqini topamiz.



2.  Shakllar ketma-ketligini harflar bilan belgilash qanday amalga oshirilgan? Yana qanday variantlar bo'lishi mumkin?



3. Rasmlar asosida kun tartibini to'g'ri ketma-ketlikda tuzamiz.



07:00



07:15



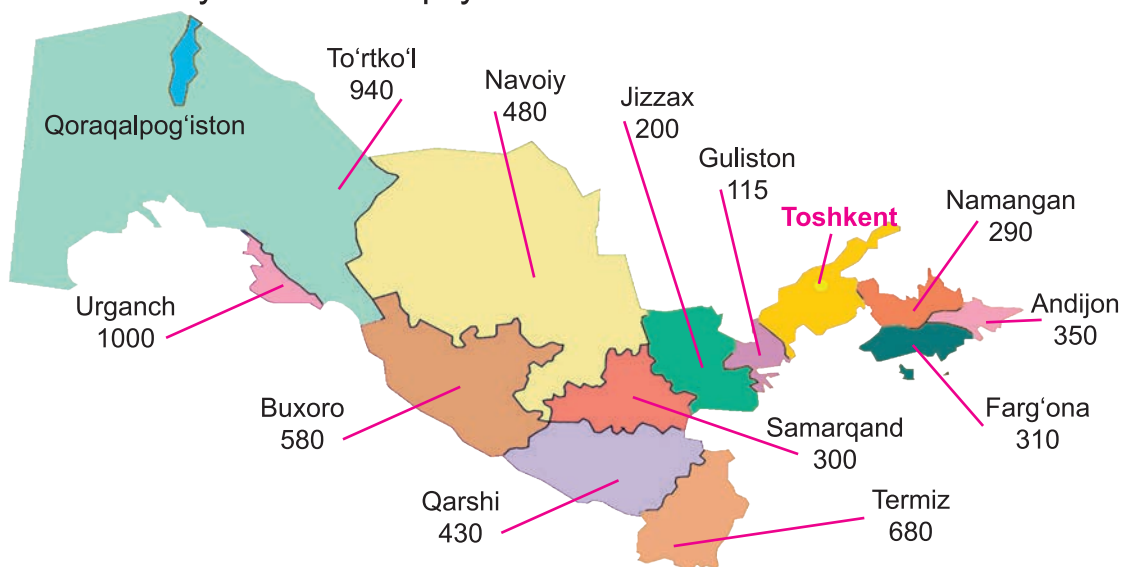
07:45



06:45

Hozir soat necha bo'ldi? Soat 10:00 da siz nima bilan shug'ullanasiz?

4. Xaritadan poytaxt bilan shaharlar orasidagi masofalarni ketma-ketlikda aytmiz va farqlaymiz.

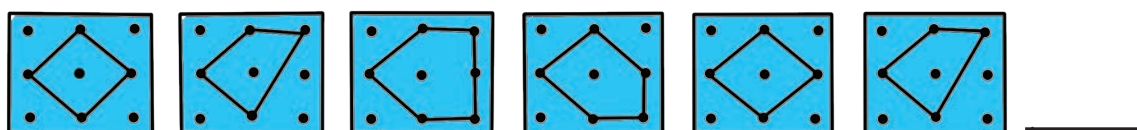


- Poytaxtga eng yaqin va eng uzoq shaharlar orasida qancha farq bor?
- Bir-biriga yaqin shaharlarni ayta olasizmi?

5. Ketma-ketlikni harflar orqali ifodalaymiz va davom ettiramiz.



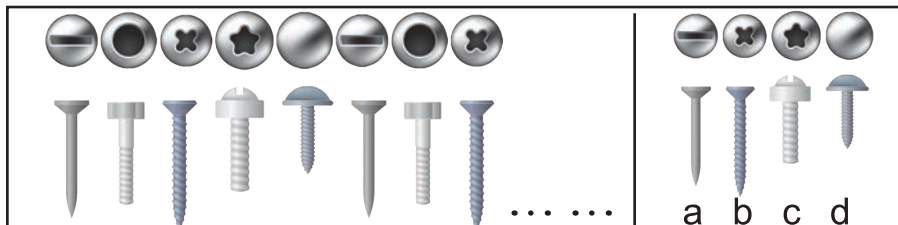
6. Shakllarni chizamiz. Keyingi shakllar qanday bo'ladi?



**2-bob.
23-dars**

Sonlar va shakllar ketma-ketligini mantiqiy davom ettirish

1.  Nuqtalar o'rniga qaysi javobdagi mixlar mos keladi?

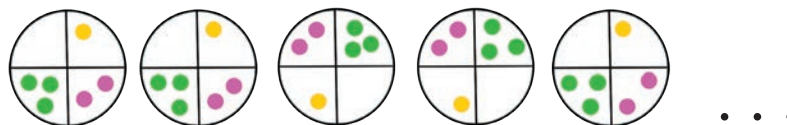


2.  Keyingi shakl va unga mos sonni aniqlaymiz.



Mos shakllardagi sonlarni taqqoslaymiz va yig'indisini topamiz.

3.  Doiralalar qanday ketma-ketlikda davom etayotganini aniqlaymiz.



8-o'rinda joylashadigan doira va undagi doirachalarning rasmini chizamiz.

4.  Sonlar qatori qanday davom etadi?

222, 224, ..., ..., ..., 232, ..., ..., ..., 2, 4, ..., 16, 32, ..., 128, ...

Yana qanday tartibda shunday sonlar qatorini tuza olasiz?

5.  12-guldan oldingi gulning rangi qanday bo'ladi?



6.  Doiralarning kesishgan qismidagi shaxmat donalari nima uchun yashil rangda?

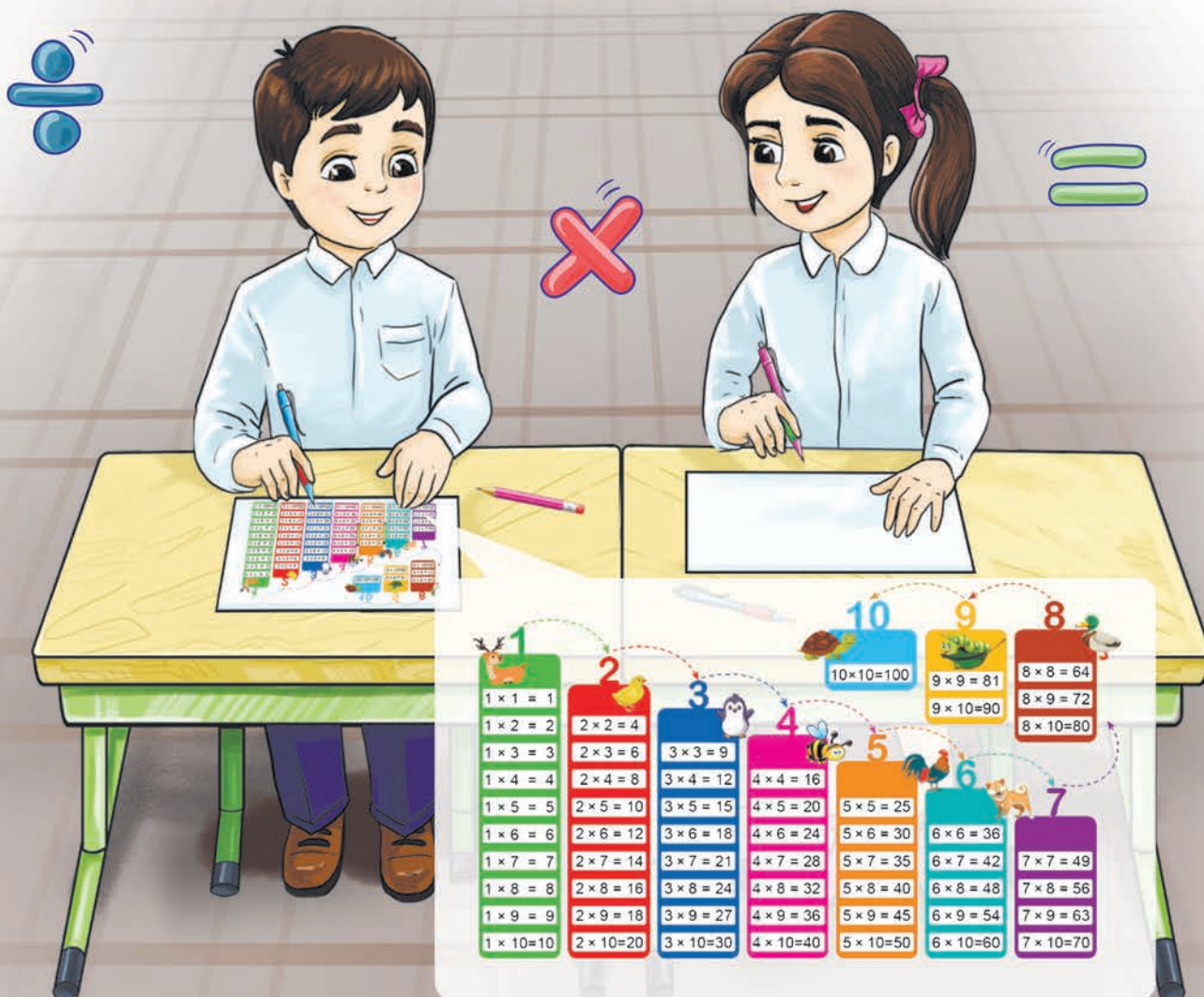


Shaxmat donalarining sonini aniqlaymiz. Har bir rangdagi shaxmat donalari sonini ketma-ket joylashtirsak, qanday 3 xonali son hosil bo'ladi? Bu raqamlar orqali yana qanday uch xonali sonlarni yoza olasiz?

3-BOB

SONLARNI KO'PAYTIRISH VA BO'LISH

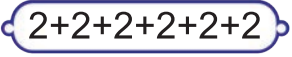
	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144



3-bob.
1-dars

Ikki xonali sonni bir xonali songa ko'paytirish

1.  Bir xil qo'shiluvchilar yig'indisiga mos ko'paytmalarni topamiz.

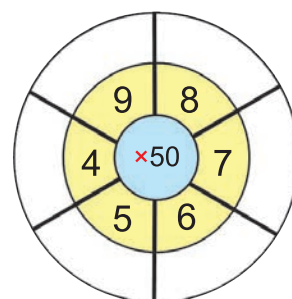
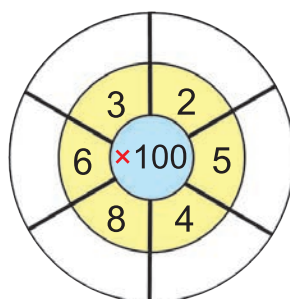
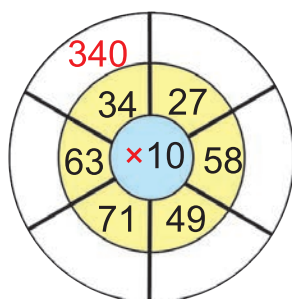
 4×10 $5+5+5+5$ $5+5$  12  20
 6×2  2×5 $4+4+4+4$  10
 4×4  4×5 $10+10+10+10$  16
 40
 $2+2+2+2+2+2$

2. 

 10  10  10  10  10
 5 ta 10 talik = $5 \times 10 = 50$
 Sonni 10 ga ko'paytirish uchun bu sonning o'ng tomoniga bitta nol qo'yamiz.

 100  100  100  100  100
 5 ta 100 talik = $5 \times 100 = 500$
 Sonni 100 ga ko'paytirish uchun bu sonning o'ng tomoniga ikkita nol qo'yamiz. 

3.  Hisoblaymiz.



4.  Yig'indisi 5 ga teng bo'lgan 6 ta sonning ko'paytmasini topamiz.

5.  Yosh kitobxonlar tanlovida 1-yili 52 nafar, 2-yili undan 10 marta ko'p o'quvchi qatnashdi. Yosh kitobxonlar tanlovida 2 yilda jami necha nafar o'quvchi qatnashgan?

6. Hisoblaymiz.

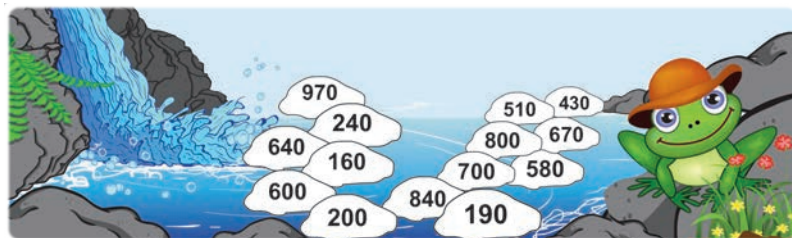
8×10	11×10	36×10	29×10	24×10	4×100
9×100	10×10	6×10	68×10	75×10	81×10

3-bob. 2-dars

Ikki xonali sonni bir xonali songa ko'paytirish



1. Qurbaqa qaysi toshlarga sakraydi? Mos javoblarni topamiz.



24×10	6×100
67×10	8×100
51×10	7×100
19×10	84×10
16×10	64×10

U sakramagan toshlardagi sonlarning eng kichigi qaysi?

2. Sakkizoyoqlarning jami oyoqlari soni nechta?



$8 \rightarrow 16 \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow ?$

12×8 $\begin{cases} 10 \times 8 = ? \\ 2 \times 8 = ? \end{cases}$ $\square + \square = ?$

Xonqizilarda jami nechta xol bor?

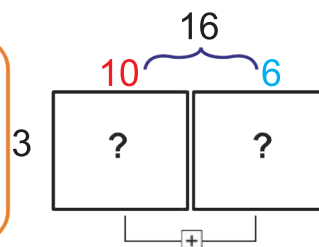


$7 \rightarrow 14 \rightarrow 21 \rightarrow ? \rightarrow ? \rightarrow ? \rightarrow ? \rightarrow ? \rightarrow ? \rightarrow ? \rightarrow ? \rightarrow ? \rightarrow ? \rightarrow ?$

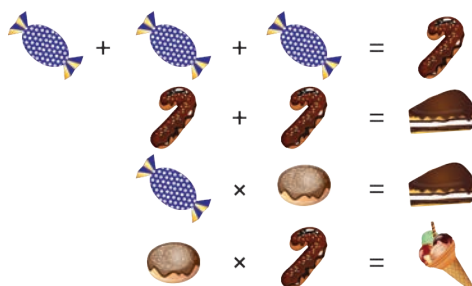
3. Necha nafar o'quvchi robototexnika bilan shug'ullanadi?



«Barkamol avlod» bolalar markazining robototexnika to'garagida 3 ta guruhda 16 nafardan o'quvchi bor.



4.



$\begin{matrix} \text{blue candy} & = & ______ \\ \text{brown candy} & = & ______ \\ \text{cake} & = & 18 \\ \text{ice cream cone} & = & ______ \end{matrix}$

5. Hisoblaymiz.

$$\begin{array}{|c|c|c|c|} \hline 25 & \times & 3 & \\ \hline 3 & & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline 19 & \times & 5 & \\ \hline 5 & & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline 15 & \times & 7 & \\ \hline 7 & & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline 17 & \times & 4 & \\ \hline 4 & & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline 21 & \times & 2 & \\ \hline 2 & & & \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline 33 & \times & 3 & \\ \hline 3 & & & \\ \hline \end{array}$$

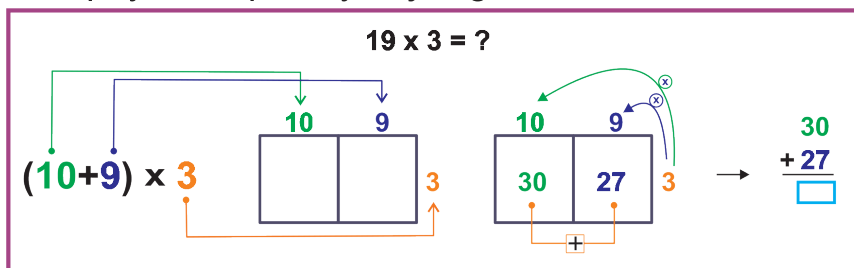
6. Hisoblaymiz va natijalarni taqqoslaymiz.

16×4 $\bigcirc$ 23×3 15×6 $\bigcirc$ 17×5 11×8 $\bigcirc$ 11×9
 28×2 $\bigcirc$ 12×6 24×4 $\bigcirc$ 19×2 26×4 $\bigcirc$ 52×2

3-bob.
3-dars

Ikki xonali sonni bir xonali songa ko'paytirish

1. Ko'paytirish qanday bajarilgan?



17×5
 22×4
 13×7
 45×2
 65×3
 31×4

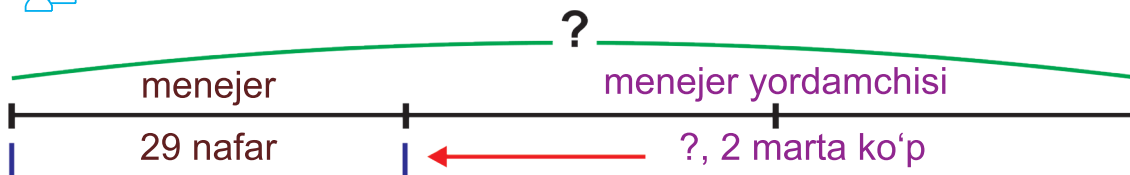
2. Yig'indini ko'paytma bilan almashtiramiz.

$$\begin{array}{|c|c|c|} \hline & 3 & 4 \\ \hline + & 3 & 4 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline & 3 & 4 \\ \hline \times & & 2 \\ \hline \end{array}$$

$24 + 24$ $43 + 43$ $41 + 41$
 $14 + 14$ $33 + 33$ $11 + 11$
 $23 + 23 + 23$ $32 + 32 + 32$

3. Ofisda jami necha nafar xodim ishlaydi?



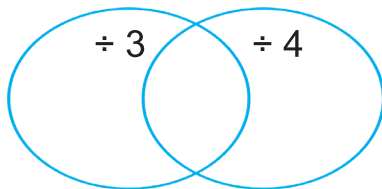
4.

$\text{raspberry} + \text{raspberry} + \text{raspberry} + \text{raspberry} = \text{strawberry} \times \text{raspberry}$
 $\text{blueberry} \times \text{strawberry} = \text{strawberry} + \text{strawberry} + \text{strawberry}$
 $\text{blueberry} + \text{blueberry} + \text{blueberry} + \text{blueberry} + \text{blueberry} = \text{raspberry} \times \text{blueberry}$

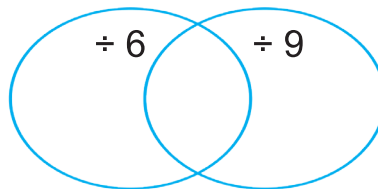
$\text{raspberry} = \underline{\hspace{2cm}}$
 $\text{strawberry} = \underline{\hspace{2cm}}$
 $\text{blueberry} = \underline{\hspace{2cm}}$

5.  Venn diagrammalarining har bir qismiga berilgan sonlardan mosini joylashtiramiz.

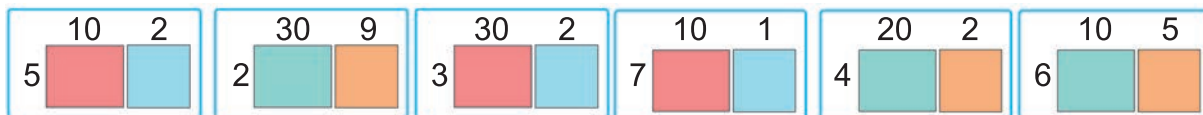
6, 8, 12, 15, 16, 18, 20, 24



12, 18, 24, 27, 36, 42, 45, 54



6.  Ifoda tuzib, qulay usullarda hisoblaymiz.



3-bob. 4-dars

Ikki xonali sonni bir xonali songa ko'paytirish

1.  Ko'paytmalar qanday hisoblangan?

$36 \times 4 = ?$
 $\begin{array}{r} 30 \\ 6 \end{array} \times 4 = \begin{array}{r} ? \\ ? \end{array}$
 $\begin{array}{r} 24 \\ 120 \end{array} = ?$
 $\begin{array}{r} 36 \\ 4 \\ \hline 128 \end{array}$

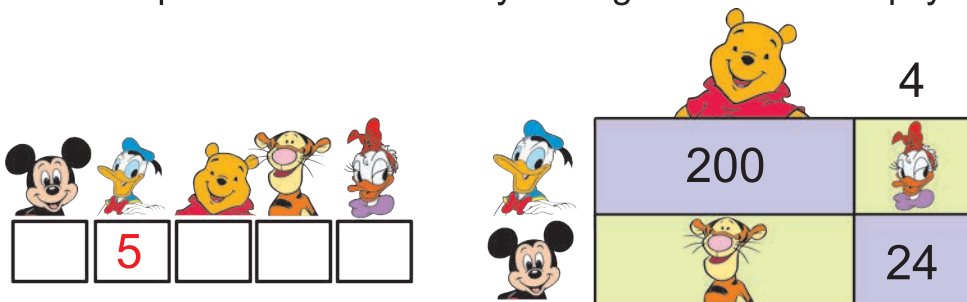
25×4 46×6 72×3 68×2 39×5

2.  Hisoblaymiz.

$\begin{array}{r} 72 \\ \times 3 \\ \hline \end{array}$
 $\begin{array}{r} 35 \\ \times 2 \\ \hline \end{array}$
 $\begin{array}{r} 57 \\ \times 9 \\ \hline \end{array}$
 $\begin{array}{r} 41 \\ \times 8 \\ \hline \end{array}$
 $\begin{array}{r} 59 \\ \times 9 \\ \hline \end{array}$
 $\begin{array}{r} 68 \\ \times 5 \\ \hline \end{array}$
 $\begin{array}{r} 46 \\ \times 6 \\ \hline \end{array}$

3.  Sinf xonasiga 36 nafar, faollar zaliga esa undan 3 marta ko'p o'quvchi sig'adi. Faollar zali necha o'rinli?
Sinf xonasi va faollar zaliga bir vaqtda qancha o'quvchi sig'adi?

4.  Multfilm qahramonlari o'rnida yashirilgan sonlarni aniqlaymiz.

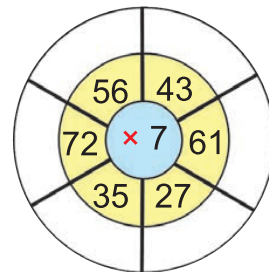
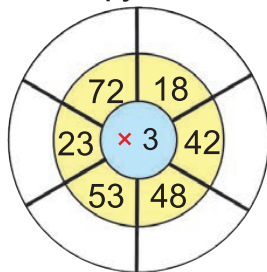
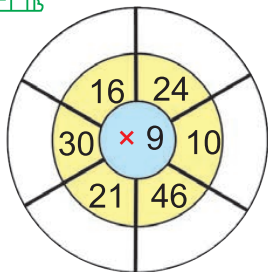


5.  Namuna asosida hisoblaymiz.

$32 \times 4 = (30 \times 4) + (2 \times 4) = 120 + 8 = 128$

39×7 56×6 44×5 92×3 70×9 67×8

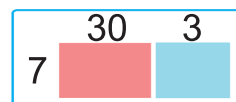
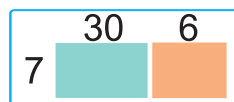
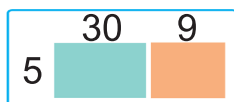
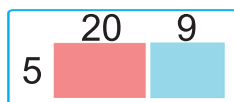
6.  Ifodalar tuzamiz va bir xil qiymatlarni topamiz.



**3-bob.
5-dars**

Ikki xonali sonni bir xonali songa ko'paytirish

1.  Qaysi model 29×5 ni ifodalaydi? Qaysi model 7×33 ni ifodalaydi?



2.  Namuna asosida hisoblaymiz.

$$2 \times 9 \times 5 = (2 \times 5) \times 9 = 10 \times 9 = 90$$

$$3 \times 9 \times 5$$

$$50 \times 9 \times 2$$

$$6 \times 9 \times 5$$

$$10 \times 3 \times 10$$

3.  Birinchi mavsumda issiqxonada 85 kg bodring yetishtirildi. Yerga qayta ishlov berilgach, oldingidan 3 marta ko'p hosil olindi. Keyingi mavsumda necha kilogramm ko'p bodring hosili olingan?

4.  Ko'paytmalarga mos harflarni tegishli joylarga qo'yib, yashirilgan so'zni topamiz.

$$\begin{array}{r} 25 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 7 \\ \hline \end{array}$$

312

225

153

128

344

238

153

258

325

356

5.  Bo'sh kataklarni to'ldiramiz va xulosamizni aytamiz.

$$\begin{array}{r} 120 \\ 24 \text{ — } 5 \\ \square \times \square = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{r} 196 \\ 98 \text{ — } 2 \\ \square \times \square = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{r} \square \\ 86 \text{ — } 5 \\ \square \times \square = \square \\ \square \times \square = \square \end{array}$$

$$\begin{array}{r} \square \\ 67 \text{ — } 8 \\ \square \times \square = \square \\ \square \times \square = \square \end{array}$$

$$98 \xrightarrow{\times 1} \square \xrightarrow{\times 2} \square \xrightarrow{\times 3} \square$$

$$98 \xrightarrow{\times 6} \square$$

6.  Hisoblaymiz.

$$\begin{array}{r} 87 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 9 \\ \hline \end{array}$$

3-bob.
6-dars

Ikki xonali sonni bir xonali songa ko'paytirish

1.  Hisoblashlar qanday bajarilgan?

50

6 ta guruh 50 talik



6 × 50 = ?

3

6 ta guruh 3 talik



6 × 3 = ?

$$\begin{array}{r} 1 \\ 53 \\ \times 6 \\ \hline ??8 \end{array}$$

$$\begin{array}{r} 48 \times 7 \\ 84 \times 5 \\ 32 \times 8 \\ 67 \times 3 \end{array}$$

2.  Qulay usulda hisoblaymiz va natijalarni taqqoslaymiz.

$29 \times 3 \times 4$ 7×28
 $9 \times 3 \times 6$ 3×50
 32×4 $4 \times 5 \times 7$
 $2 \times 33 \times 3$ 6×40
 $9 \times 8 \times 5$ 5×73
 61×1 1×63

3.  Kartochkalar yordamida ifodalarni namunadagidek tayyorlaymiz. Siz qanday ifodani hosil qila olasiz?

2 | 6 | × | 1 | 0

2 | 6 | 0

8 | 9 | × | 1 | 0

4.  10 ×  = 80 × 5

60 ×  = 9 × 20

 ×  =  × 

 ×  = 6 × 

 = ?

 = ?

 = ?

 = ?

5.  Ifodalarning qiymatlari to'g'ri hisoblanganmi?

$(9 + 7) \times 4 - 12 = 52$ $700 - 155 + 55 \times 5 = 817$
 $155 + 80 - 40 \times 2 = 155$ $111 + 889 - 40 \times 9 = 604$

6.  Toshkent metropoliteni vagoni 48 nafar yo'lovchiga mo'ljallangan bo'lsa, to'rtta vagonli poyezd bir vaqtda necha nafar yo'lovchiga xizmat qiladi?

7.  Hisoblab, to'g'ri javobni topamiz.

86



34 × 2

68



56 × 4

432



81 × 5

224



405

445



552

225

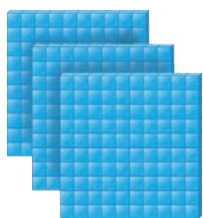


69 × 8

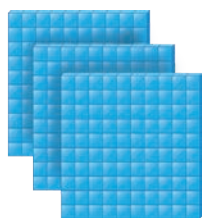
3-bob.
7-dars

Uch xonali sonni bir xonali songa ko'paytirish

1.  Ko'paytmalar nimaga teng? Hisoblashni tushuntiramiz.



100×3



200×2

3 ta yuzlikni 2 marta
orttirsak, 6 ta yuzlik
bo'ladi.
Demak, $300 \times 2 = 600$.

300×3

400×1

500×2

$$\begin{array}{r} 300 \\ + 300 \\ \hline 600 \end{array}$$

$$\begin{array}{r} 300 \\ \times 2 \\ \hline 600 \end{array}$$

2.  Qulay usulda ko'paytiramiz.

$100 \times 2 \times 3$

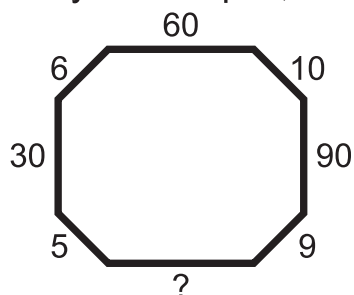
$200 \times 2 \times 2$

$500 \times 1 \times 2$

$700 \times 0 \times 1$

3.  Qandolat fabrikasida bir kunda 300 kg dan 3 marta un, 200 kg dan 4 marta shakar ishlatiladi. Bir kunda ishlatilgan un va shakarning farqi qancha? Bir haftada-chi?

4.  Qonuniyatni aniqlab, noma'lum sonni topamiz.



8	5	7	43
2	6	3	20
8	4	9	44
6	2	5	?

5.  Berilgan sonlarni o'sish va kamayish tartibida yozamiz.

900 190

109

690 69

960

>
 >
 >
 >
 >

<
 <
 <
 <
 <

6.  Hisoblaymiz.

300×2

400×2

500×1

200×3

100×7

600×0

$700 \times 0 \times 7$

$800 \times 1 \times 1$

$400 \times 2 \times 1$

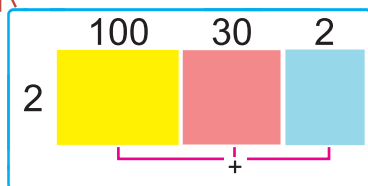
$500 \times 1 \times 2$

3-bob.
8-dars

Uch xonali sonni bir xonali songa ko'paytirish



1. Hisoblashlarni tushuntiramiz.



$$\begin{aligned} 2 \times 100 &= ? \\ 2 \times 30 &= ? \\ 2 \times 2 &= ? \end{aligned}$$

	1	3	2
+	1	3	2

	1	3	2
x			2

2. Hisoblaymiz.

$$\begin{array}{r} 304 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 213 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 423 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 410 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 231 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 201 \\ \times 4 \\ \hline \end{array}$$

3. Bo'sh kataklarga mos sonlarni qo'yamiz.

a.

	4		4
x			2
	8	2	8

b.

	1	2	2
x			
	4	8	8

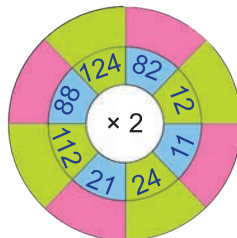
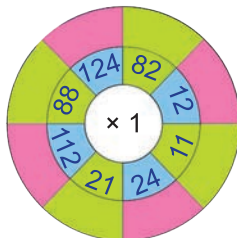
c.

	2	0	0
x			
	6	0	0

d.

			2
x			4
	3	2	8

4. Ko'paytirishni bajaramiz. Kim tez topadi?



5. Bir soatda bankomatdan 111 nafar mijoz foydalansa, undan 3 soatda necha nafar mijoz foydalanadi? 5 soatda-chi?

6. Qaysi bolaga nima mos keladi?



7. Hisoblaymiz.

$$111 \times 3$$

$$433 \times 2$$

$$241 \times 3$$

$$315 \times 3$$

$$244 \times 4$$

3-bob.
9-dars

Uch xonali sonni bir xonali songa ko'paytirish

1.  Hisoblashlarni tushuntiramiz.

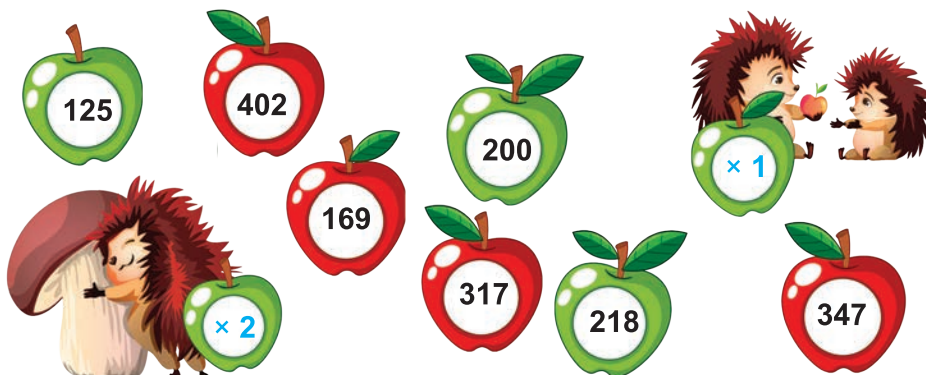
$$224 \times 3 = ?$$

200 × 3 = ?
20 × 3 = ?
4 × 3 = ?

	2	2	4
×			3
	6	7	2

$$\begin{aligned} 246 \times 2 \\ 124 \times 4 \\ 327 \times 3 \\ 418 \times 2 \end{aligned}$$

2.  Berilgan sonlarni dastlab 1 ga, keyin 2 ga ko'paytiramiz.



3.  Sherzod klaviaturada 10 minutda 124 ta, opasi esa undan 4 marta ko'p so'z teradi. Ular birgalikda 10 minutda nechta so'z teradi?

4.  Har bir shaklga mos sonlarni topamiz.

	●	●	6
×			●
	◆	▼	2

	1	●	●
×			6
	8	▼	4

	2	●	8
×			▼
	◆	8	4

● = _ ▼ = _ ◆ = _

● = _ ▼ = _

● = _ ▼ = _ ◆ = _

5.  Hisoblaymiz.

$$\begin{array}{r} 162 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 414 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 205 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 318 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 125 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 143 \\ \times 5 \\ \hline \end{array}$$

6.  Eng katta uch xonali son va eng kichik ikki xonali son ayirmasi bilan eng kichik uch xonali son va eng katta ikki xonali son yig'indisini taqqoslaymiz.

7.  Namuna asosida hisoblaymiz.

$$118 \times 2 = ?$$

100 10 8

	1	1	8
+	1	1	8

	1	1	8
×			2

$$123 \times 4$$

$$225 \times 3$$

$$121 \times 5$$

$$307 \times 3$$

$$116 \times 6$$

3-bob.
10-dars

Uch xonali sonni bir xonali songa ko'paytirish

1.  Ko'paytirish qanday bajarilgan?

	1	1	
	2	5	4
×			3
			2

156×2

×	200	50	4
3	600	150	12
$600 + 150 + 12 = ?$			

243×3

467×2

134×4

	2	5	
	1	3	9
×			6
			4

139×5

309×3

2.  Hisoblaymiz va natijalarni taqqoslaymiz.

294×3

468×2

359×2

176×5

123×8

745×1

121×7

245×3

242×3

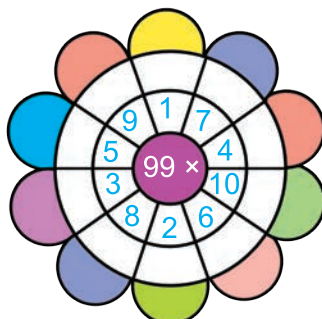
134×4

476×2

475×2

3.  Bahrom kitobdagi 130 ta misolni, Botir esa undan 6 marta ko'p misolni yechdi. Ular birgalikda nechta misol yechgan?

4. 



5.  Hisoblashlarni davom ettiramiz.

$$\begin{array}{r} 24\overline{)8} \\ \underline{4} \\ 2 \end{array}$$

$$\begin{array}{r} 4\overline{)79} \\ \underline{2} \\ 5 \end{array}$$

$$\begin{array}{r} 3\overline{)65} \\ \underline{2} \\ 7 \end{array}$$

$$\begin{array}{r} 13\overline{)6} \\ \underline{4} \\ 4 \end{array}$$

$$\begin{array}{r} 1\overline{)57} \\ \underline{5} \\ 8 \end{array}$$

$$\begin{array}{r} 2\overline{)78} \\ \underline{3} \\ 8 \end{array}$$

6.  Namuna asosida ko'paytmalarni topamiz.

×	237		
4	200	30	7
	800	120	28

112×6

342×2

298×3

473×2

152×6

143×5

7.  Ko'paytmalarni topamiz va ularni kamayish tartibida yozamiz.

$$\begin{array}{r} 221 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 475 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 289 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 197 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 423 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 143 \\ \times 6 \\ \hline \end{array}$$

3-bob.
11-dars

Uch xonali sonni bir xonali songa ko'paytirish

1.  Natijalarni topamiz va taqqoslaymiz. Qanday xulosaga keldingiz?

$$226 \times 4 = ? \quad 4 \times 226 = ?$$

$$\begin{array}{ll} 125 \times 4 & 412 \times 2 \\ 125 \times 8 & 386 \times 2 \end{array}$$

2.  Bo'sh kataklarni to'ldiramiz va xulosamizni aytamiz.

$$124 \xrightarrow{\times 1} \boxed{?} \xrightarrow{\times 2} \boxed{?} \xrightarrow{\times 4} \boxed{?}$$

$$124 \xrightarrow{\times 8} \boxed{?}$$

$$108 \xrightarrow{\times 1} \boxed{?} \xrightarrow{\times 3} \boxed{?} \xrightarrow{\times 3} \boxed{?}$$

$$108 \xrightarrow{\times 9} \boxed{?}$$

$$125 \times 4 \times 2 \times 1$$

$$156 \times 3 \times 2$$

$$278 \times 0 \times 8 \times 1$$

3.  5 kunda jami necha kilogramm uzum eksportga tayyorlanadi?

	1 ta yashikdagi uzum miqdori	1 kunda eksportga tayyor yashiklar soni
	8 kg	25 ta

4.  So'roq belgisi o'rniga mos sonni topamiz.

5	4	10	2
5	100	?	5
2	?	?	10
25	2	10	1

50	4	100	2
5	?	?	5
2	?	?	10
250	2	100	1

5.  Tenglik to'g'ri bo'lishi uchun amal belgilarini qo'yamiz.

$$14 \bigcirc 6 \bigcirc 116 = 200$$

$$135 \bigcirc 5 \bigcirc 165 = 510$$

$$(145 \bigcirc 25) \bigcirc 8 = 960$$

$$85 \bigcirc 2 \bigcirc 4 = 680$$

6.  Hisoblaymiz. Natijalarni kamayib borish tartibida yozamiz.

$$\begin{array}{r} 102 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 219 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 127 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 394 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \\ \times \quad 5 \\ \hline \end{array}$$

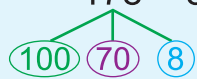
$$\begin{array}{r} 315 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 225 \\ \times \quad 4 \\ \hline \end{array}$$

3-bob.
12-dars

Uch xonali sonni bir xonali songa ko'paytirish

1.  Namunaga ko'ra ko'paytmalarni topamiz.

$178 \times 3 = ?$

 $100 \times 3 = ?$
 $70 \times 3 = ?$
 $8 \times 3 = ?$

$324 \times 3 = ?$
 $300 + 20 + 4$
 $3 \times \boxed{} \boxed{} \boxed{}$
 $282 \times 3 = ?$
 $200 + 80 + 2$
 $3 \times \boxed{} \boxed{} \boxed{}$

$437 \times 2 = ?$
 $400 + 30 + 7$
 $2 \times \boxed{} \boxed{} \boxed{}$
 $174 \times 5 = ?$
 $100 + 70 + 4$
 $5 \times \boxed{} \boxed{} \boxed{}$

2.  Ko'paytmalarni topamiz.

$\begin{array}{r} 289 \\ \times 3 \\ \hline \end{array}$
 $\begin{array}{r} 376 \\ \times 2 \\ \hline \end{array}$
 $\begin{array}{r} 247 \\ \times 4 \\ \hline \end{array}$
 $\begin{array}{r} 468 \\ \times 2 \\ \hline \end{array}$
 $\begin{array}{r} 199 \\ \times 5 \\ \hline \end{array}$
 $\begin{array}{r} 126 \\ \times 7 \\ \hline \end{array}$

3.  58 dan 199 gacha barcha juft sonlarni yozish uchun nechta raqam ishlatiladi?

4.  Noma'lum sonlarni aniqlaymiz. Natijalarni o'sib borish tartibida joylashtiramiz.

$\begin{array}{r} 242 \\ \times \\ \hline 76 \end{array}$

$\begin{array}{r} 245 \\ \times \\ \hline 90 \end{array}$

$\begin{array}{r} 11 \\ \times \\ \hline 50 \end{array}$

$\begin{array}{r} 142 \\ \times \\ \hline 68 \end{array}$

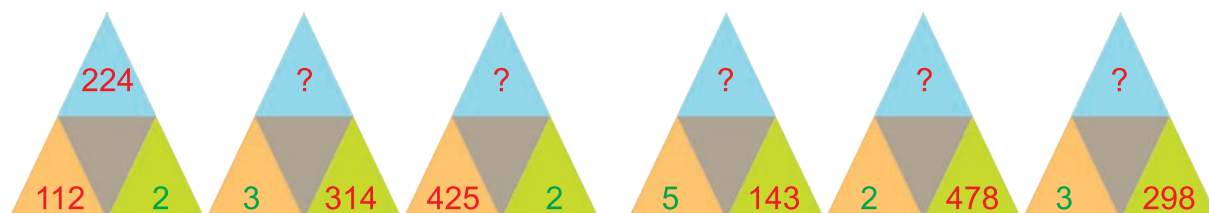
5.  Qulay usul bilan hisoblaymiz va natijalarni taqqoslaymiz.

$25 \times 7 \times 4 \bigcirc 120 \times 3$
 $125 \times 3 \times 2 \bigcirc 135 \times 3$
 $32 \times 6 \times 5 \bigcirc 450 \times 2$
 $8 \times 17 \times 5 \bigcirc 175 \times 4$
 $432 \times 2 \bigcirc 5 \times 42 \times 3$
 $75 \times 6 \times 2 \bigcirc 154 \times 4$

6.  Katta akvariumda 120 litr suv bor edi. Qahramon akvariumga 30 litr suv quydi, Komil ham akvariumga 30 litr suv quydi. Akvariumdagi suv hajmini qanday hisoblash mumkin?

A	B	C	D
$120 + (20 + 30)$	$(120 + 30) + (120 + 30)$	$(120 + 30) \times 2$	$120 + (2 \times 30)$

7.  Yashirilgan sonlarni aniqlaymiz.



3-bob. 13-dars

Ikki xonali sonni bir xonali songa bo'lish



1. Hisoblashni tushuntiramiz.

o'nlik	birlik
10	10
10	10
10	10
10	10

$$84 \div 4 = ?$$

$$80 \div 4 = \square$$

$$4 \div 4 = \square$$

$$\square + \square = \square$$

$$\begin{array}{r} 8 \text{ o'nlik} + 4 \text{ birlik} \\ - 8 \text{ o'nlik} \\ \hline 0 \text{ o'nlik} \quad 4 \text{ birlik} \\ - 4 \text{ birlik} \\ \hline 0 \text{ birlik} \end{array} \quad \begin{array}{r} 4 \\ 21 \\ \hline 21 \\ \hline 0 \end{array} \rightarrow \begin{array}{r} 84 \\ - 84 \\ \hline 0 \end{array}$$

$$63 \div 3$$

$$42 \div 2$$

$$66 \div 6$$

$$64 \div 2$$

$$48 \div 4$$

$$96 \div 3$$

2. Hisoblaymiz va bo'linmalarni taqqoslaymiz.

$$42 \div 2 \bigcirc 44 \div 4$$

$$48 \div 2 \bigcirc 36 \div 3$$

$$55 \div 5 \bigcirc 50 \div 1$$

$$33 \div 3 \bigcirc 96 \div 4$$

$$62 \div 2 \bigcirc 93 \div 3$$

$$96 \div 3 \bigcirc 96 \div 3$$

3. Necha nafar o'quvchi sarguzasht filmlarga qiziqadi?



Hajviy filmlarga – 24 nafar

Hujjatli filmlarga – ?, 2 marta kam

Sarguzasht filmlarga – ?, 3 marta kam

? nafar

4. Bo'sh kataklarga mos sonlarni topamiz.

48	8	
	2	
4		1

	3	24
8	1	
		3

66	2	
	2	
3		3

5. Ifodaning qiymatini topamiz.

$$24 \div 2 + 88$$

$$453 - 48 \div 4$$

$$99 \div 9 + 24 \times 9$$

$$63 \div 3 \times 7$$

$$589 + 55 \div 5$$

$$69 \div 3 + 84 \div 4$$

6. Turli xil uchta sonning yig'indisi 6 ga teng. Ularni topamiz.

7. Noma'lum bo'linmani topamiz.

48	
2	?
1	?
4	?

66	
1	?
3	?
2	?

84	
2	?
4	?
1	?

8. Hisoblaymiz.

$$36 \overline{) 3}$$

$$42 \overline{) 2}$$

$$88 \overline{) 4}$$

$$24 \overline{) 2}$$

$$86 \overline{) 2}$$

$$66 \overline{) 3}$$

$$77 \overline{) 1}$$

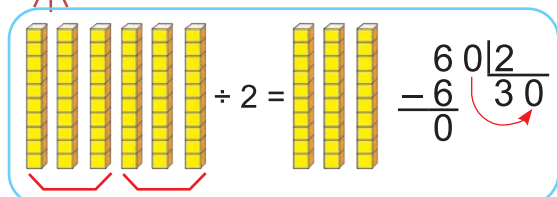
$$28 \overline{) 2}$$

$$96 \overline{) 3}$$

3-bob. 14-dars

Ikki xonali sonni bir xonali songa bo'lish

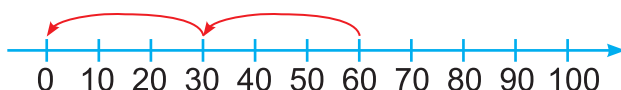
1.  Hisoblashni tushuntiramiz.



$$70 \div 2 = 35$$

60 ÷ 2 = 30
10 ÷ 2 = 5
30 + 5 = 35

$$\begin{array}{r} 70 \overline{) 2} \\ - 6 \\ \hline 10 \\ - 10 \\ \hline 0 \end{array}$$



40 ÷ 2 80 ÷ 4 90 ÷ 9 70 ÷ 2 50 ÷ 2 90 ÷ 2

2.  Tenglamalarni yechamiz.

$$x \times 2 = 30$$

$$3 \times y = 60$$

$$a \times 5 = 70$$

3.  54 juft poyabzal 9 ta qutiga teng joylandi. 90 juft poyabzalni joylash uchun nechta shunday quti kerak bo'ladi?

4.  Yashirilgan sonlarni topamiz.

96	÷	3	=	
			×	
100	-		=	4
			=	
149	-		=	

84	÷	6	=	
	÷			
4	×	26	=	
	=			

5.  Barcha raqamlari toq va turlicha bo'lgan eng katta va eng kichik uch xonali sonni toping.

6.  Madina 3-sinflar o'rtasida so'rovnoma o'tkazdi va uni jadvalda ifodaladi.

3-sinfda ko'k rangni yoqtiradigan nechta o'quvchi bor? Qizil rangni yoqtiradigan-chi? Qaysi rangni yoqtiradigan o'quvchilar soni boshqa rangni yoqtiradigan o'quvchilar sonidan 2 marta kam?

Sevimli ranglar									
ko'k									
qizil									
sariq									
yashil									
	10	20	30	40	50	60	70	80	

7.  Hisoblaymiz.

$$60 \div 5$$

$$80 \div 4$$

$$60 \div 3$$

$$70 \div 5$$

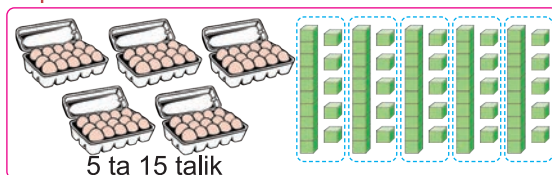
$$90 \div 6$$

$$86 \div 2$$

3-bob.
15-dars

Ikki xonali sonni bir xonali songa bo'lish

1.  Hisoblashni tushuntiramiz.



$$\begin{array}{r} 75 \overline{) 5} \\ - 5 \\ \hline 25 \\ - 25 \\ \hline 0 \end{array}$$

$$75 \div 5$$

50 25

$$50 \div 5 = \square$$

$$25 \div 5 = \square$$

$$\square + \square = \square$$

$$34 \overline{) 2}$$

$$76 \overline{) 4}$$

$$42 \overline{) 3}$$

$$55 \overline{) 5}$$

$$96 \overline{) 6}$$

$$75 \overline{) 3}$$

2.  Noma'lum bo'luvchini topamiz.

56	
2	?
1	?
4	?

78	
1	?
3	?
2	?

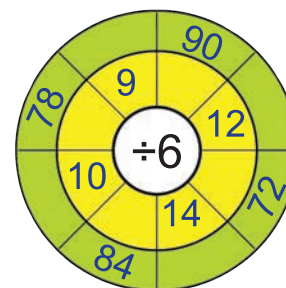
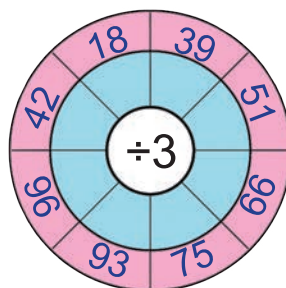
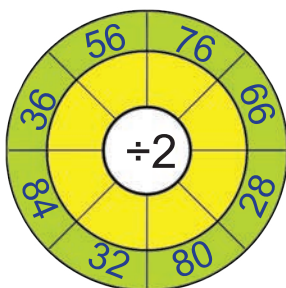
96	
8	?
4	?
6	?

3.  Qalpoq va sharflarni necha xil usulda kiyish mumkin?



4.  Avtotashuvchiga bir qatnovda 8 ta avtomobil oriladi. 96 ta avtomobilni avtotashuvchi nechta qatnovda yetkaza oladi? 24 ta qatnovda nechta avtomobilni yetkazadi?

5.  Kim chaqqon?



6.  Hisoblaymiz.

$$\begin{array}{c} 96 \\ \div \\ \hline 1 \quad 2 \quad 3 \quad 4 \quad 6 \quad 8 \end{array}$$

$$\begin{array}{c} 48 \\ \div \\ \hline 1 \quad 6 \quad 2 \quad 3 \quad 8 \quad 4 \end{array}$$

$$\begin{array}{c} 72 \\ \div \\ \hline 1 \quad 2 \quad 6 \quad 4 \quad 3 \quad 8 \end{array}$$

$$\begin{array}{c} 100 \\ \div \\ \hline 1 \quad 2 \quad 5 \quad 4 \quad 10 \end{array}$$

7.  Berilgan sonlar 2 ga ham, 3 ga ham bo'linadimi? 6 ga-chi?

24

36

42

66

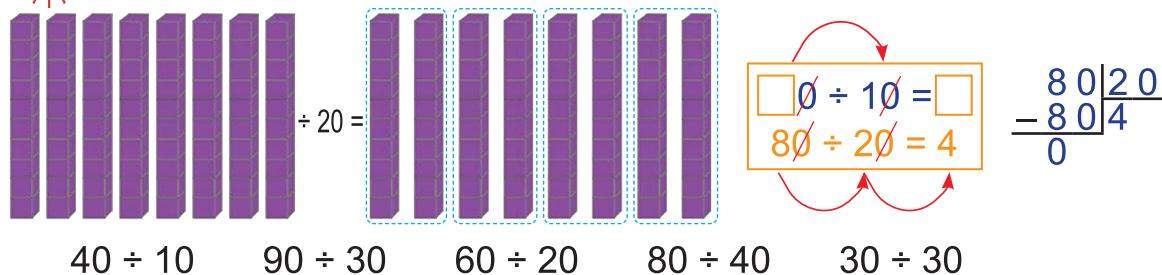
84

96

3-bob.
16-dars

Ikki xonali sonni ikki xonali songa bo'lish

1.  Hisoblashni tushuntiramiz.

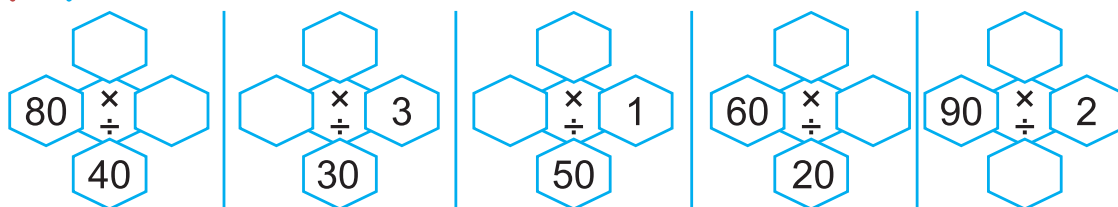


2.  Bo'linmalar nechaga teng?

$40 \div 20$	$50 \div 50$	$80 \div 40$	$90 \div 30$
$100 \div 20$	$70 \div 10$	$90 \div 90$	$60 \div 20$

3.  90 ta daftar va 30 ta qalam 30 ta o'quvchiga teng taqsimlansa, har bir o'quvchi nechtadan daftar va nechtadan qalam oladi?

4.  Bo'sh kataklarni to'ldiramiz.

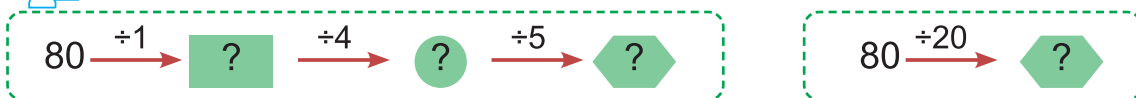


5.  Dekabr oyining ikkinchi kuni haftaning seshanba kuniga to'g'ri keladi. 25-dekabr haftaning qaysi kuniga to'g'ri keladi?
Qaysi oyda 28 kun bor?
Qaysi oylarda 30 kun bor?

6.  Hisoblaymiz va natijalarni taqqoslaymiz.

$40 \div 20 \bigcirc 30 \div 10$	$60 \div 20 \bigcirc 50 \div 50$
$80 \div 40 \bigcirc 40 \div 20$	$30 \div 30 \bigcirc 20 \div 10$

7.  Bo'sh joylarni to'ldiramiz va xulosamizni aytamiz.



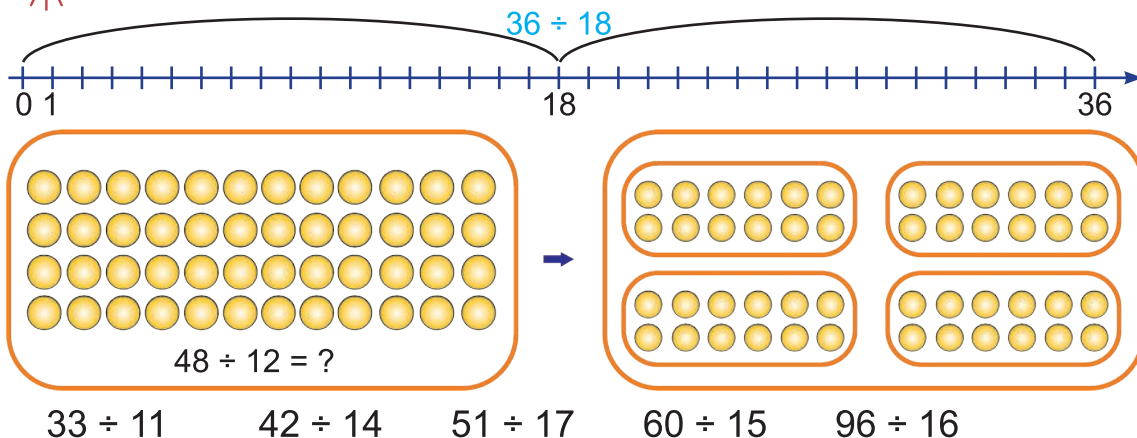
8.  Hisoblaymiz.

$30 \overline{) 30}$	$50 \overline{) 10}$	$80 \overline{) 40}$	$80 \overline{) 10}$	$90 \overline{) 10}$
----------------------	----------------------	----------------------	----------------------	----------------------

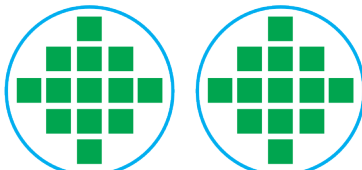
3-bob.
17-dars

Ikki xonali sonni ikki xonali songa bo'lish

1.  Hisoblashni tushuntiramiz



2.  Guruhlarga ajratamiz va bo'sh kataklarni to'ldiramiz.

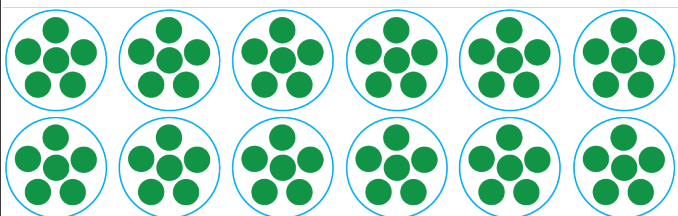


26 ta kvadratchani 2 ta
13 talik guruhga ajratamiz.

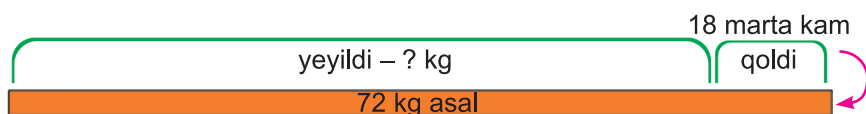


39 ta kvadratchani ____ ta ____
talik guruhga ajratamiz.

____ ta doiracha ____ ta
____ talik guruhga
ajratilgan.



3.  Vinni-Pux yegan asal qolgan asaldan necha marta ortiq?



4.  Koreys archasi taxminan 5 yilda 15 cm ga o'sadi. Uning bo'yi 1 metrga yetishi uchun qancha vaqt kerak?

5.  Hisoblaymiz.

$50 \overline{) 10}$ $66 \overline{) 33}$ $65 \overline{) 13}$ $75 \overline{) 15}$ $72 \overline{) 18}$ $64 \overline{) 16}$

6.  Hisoblaymiz.

$96 \div 4$ $75 \div 25$ $84 \div 12$ $78 \div 26$ $91 \div 13$ $80 \div 16$

3-bob.
18-dars

Ikki xonali sonni bir va ikki xonali songa bo'lish

1.  Sayilgohdagi elektromobil bir vaqtda 14 nafar sayyohga xizmat qiladi. Dam olish kunlari sayyohlar sayr qilishi uchun elektromobil necha marta qatnaydi?

Kunlar	Sayyohlar soni	Qatnovlar soni
Shanba	70	? ta
Yakshanba	84	? ta

2.  Sonlar ishtirokida bo'lish amaliga doir ifodalar tuzamiz.

2, 3, 4, 5, 6, 12, 15, 18, 20
24, 30, 36, 63, 75, 84, 96

Namuna: $12 \div 3 = 4$

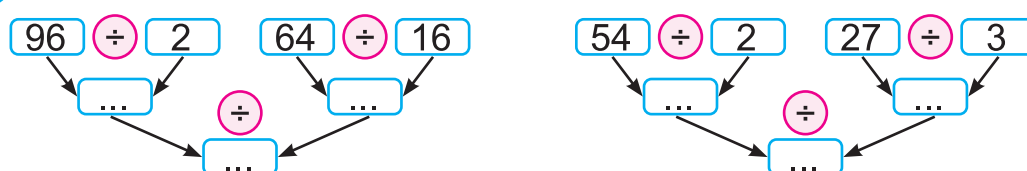
3.  Yashirilgan so'zni topamiz.

1	16	4	10	184	13	72

O $91 \div 7$ **E** $80 \div 5$ **T** $40 \div (80 \div 2)$ **F** $200 - 80 \div 5$

N 8×9 **L** $56 \div 14$ **E** $50 \div 5$

4.  Ketma-ketlik asosida hisoblaymiz.



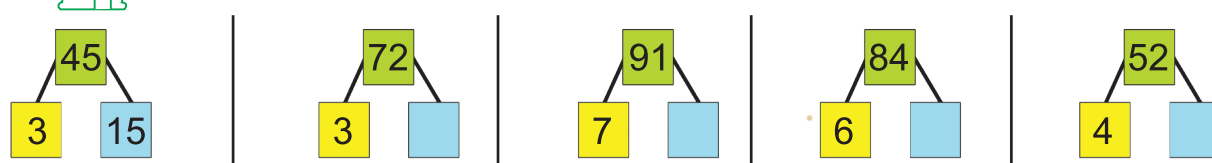
5.  Jami necha metr yo'l ta'mirlangan? Ikki kunda-chi?



6.  Shakllar o'rniga qanday raqamlar qo'yilsa, yig'indi ikkiga bo'linadi?

★ 2 ★ + 1 ★ 7 1 ★ ★ + 5 ★ 9 ★ 5 1 + ★ 6 ★

7.  Noma'lum bo'linmani topamiz.

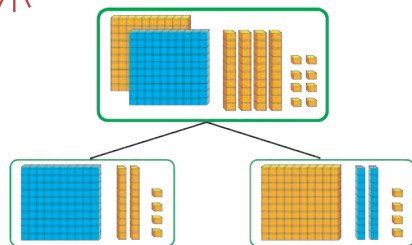


3-bob.
19-dars

Uch xonali sonni bir xonali songa bo'lish



1. Model asosida bo'linmalarni topamiz.



$424 \div 2$

$639 \div 3$

$$\begin{array}{r} 248 \div 2 \\ \begin{array}{l} 200 \\ 40 \\ 8 \end{array} \\ \begin{array}{l} 200 \div 2 = \square \\ 40 \div 2 = \square \\ 8 \div 2 = \square \end{array} \\ \square + \square + \square = \square \end{array}$$

$842 \div 2$

$693 \div 3$

$993 \div 3$

$848 \div 4$

$$\begin{array}{r} 248 \overline{) 2124} \\ \underline{- 200} \\ 04 \\ \underline{- 40} \\ 08 \\ \underline{- 80} \\ 0 \end{array}$$

2. Ifodalarning qiymatini topamiz.

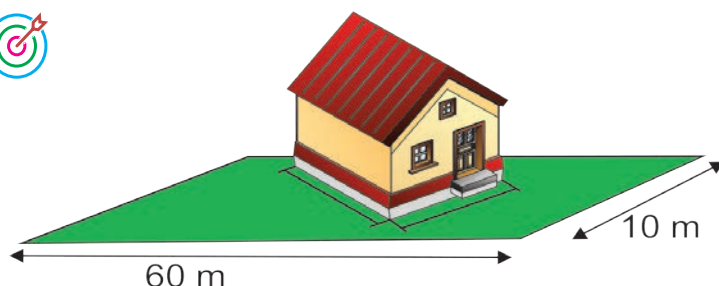
$462 \div 2 + 125$

$1000 - 286 \div 2$

$884 \div 2 - 442$

$555 \div 5 + 369 \div 3$

- 3.



Uyning perimetri hovlining perimetridan 4 marta kichik bo'lsa, uyning perimetri nechaga teng?

4. Noma'lum sonlarni aniqlaymiz.

$$\begin{array}{cc} 1 & 2 \\ \square & \square \\ 121 & 242 \end{array}$$

$$\begin{array}{cc} 3 & 1 \\ \square & \square \\ 639 & ? \end{array}$$

$$\begin{array}{cc} 842 & ? \\ \square & \square \\ 2 & 1 \end{array}$$

$$\begin{array}{cc} 1 & ? \\ \square & \square \\ 2 & 628 \end{array}$$

5. Hisoblaymiz va natijalarni taqqoslaymiz.

$226 \overline{) 2}$

$262 \overline{) 2}$

$368 \overline{) 2}$

$386 \overline{) 2}$

$842 \overline{) 2}$

$482 \overline{) 2}$

$468 \overline{) 2}$

$864 \overline{) 2}$

6. 960 ta g'ildirakni nechtdan transportga ishlatish mumkin?



? ta



? ta



? ta

7. Namuna asosida hisoblab, jadvallarni to'ldiramiz.

693 ÷ 3		
600	90	3
200	30	1

226 ÷ 2		
		6

369 ÷ 3		
	60	

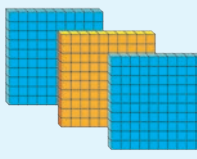
488 ÷ 4		
	80	

246 ÷ 2		
200		

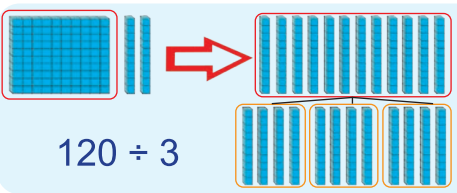
3-bob.
20-dars

Uch xonali sonni bir xonali songa bo'lish

1.  Bo'lish qanday bajarilgan?

$300 \div 3$


$$\begin{array}{r} 300 \overline{) 3} \\ \underline{3} \\ 0 \end{array}$$

$120 \div 3$


$$\begin{array}{r} 120 \overline{) 3} \\ \underline{12} \\ 0 \end{array}$$

600 ÷ 6 800 ÷ 8 900 ÷ 9 560 ÷ 7 270 ÷ 9 360 ÷ 6

2.  Ifodalarning qiymatini topamiz.

$(255 + 15) \div 3$ $(630 \div 9) + 123$ $120 \times 3 \div 6$ $483 - (810 \div 9)$

3.  Ona quyon bolasiga qaraganda 3 baravar ko'p sabzi yeydi. Agar ona quyon bir oyda 216 ta sabzi yesa, bolasi bir oyda nechta sabzi yeydi? Ikkovi ikki oyda nechta sabzi yeydi?



4.  $540 \div \text{apple} = \text{mushroom} \times \text{pear}$
 $270 \div \text{apple} = 30$
 $360 \div \text{apple} \times \text{pear} = 120$
- $200 \div \text{mushroom} + \text{apple} \times \text{pear} = ?$
 $\text{mushroom} = ?$ $\text{apple} = ?$ $\text{pear} = ?$

5.  Ketma-ketlikda hisoblab, bo'sh kataklarni to'ldiramiz.

$\times 4$

125

→

→

→

→

$\div 2$ $\div 5$ $\times 1$


6.  120 sonini shunday ikkita qo'shiluvchilar yig'indisi ko'rinishida yozingki, bu qo'shiluvchilarning har biri 3 ga bo'linsin.

7.  Bo'linmalarni taqqoslaymiz.

$400 \overline{) 2} \bigcirc 600 \overline{) 3}$ $140 \overline{) 7} \bigcirc 700 \overline{) 7}$ $500 \overline{) 5} \bigcirc 200 \overline{) 2}$

8.  Hisoblaymiz.

$150 \div 3$

$400 \div 4$

$480 \div 6$

$560 \div 8$

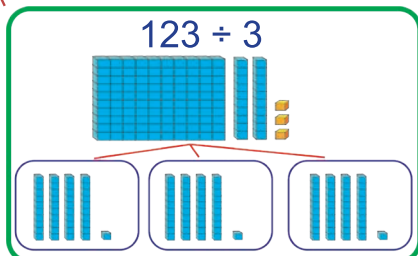
$700 \div 7$

$400 \div 5$

3-bob.
21-dars

Uch xonali sonni bir xonali songa bo'lish

1.  Bo'linma qanday topilgan?



$123 = 120 + 3$

$120 \div 3 = \square$

$3 \div 3 = \square$

$\square + \square = \square$

$$\begin{array}{r} 123 \overline{) 3} \\ - 12 \downarrow 41 \\ \underline{03} \\ - 3 \\ \underline{0} \end{array}$$

$287 \div 7$ $168 \div 2$ $486 \div 6$ $729 \div 9$ $648 \div 8$ $546 \div 6$

2.  Bo'lishni bajaramiz. Natijani o'sish tartibida joylashtiramiz.

$250 \div 5$

$\div$	200	
5		10

$637 \div 7$

$\div$	630	
7		1

$213 \div 3$

$\div$	210	
3		1

$728 \div 8$

$\div$	720	
8		1

$568 \div 8$

		8
	70	

$279 \div 9$

		9
	30	

$183 \div 3$

		3
	60	

$546 \div 6$

$\div$		
6		1

3.  Mahallaning turli joylariga 150 ta chiqindi idishlari 3 tadan qilib o'rnatilgan bo'lsa, jami nechta joyga chiqindi idishlari qo'yilgan?



4.  Noma'lum sonlarni topamiz.



5.  Hisoblaymiz.

$248 \overline{) 4}$

$129 \overline{) 3}$

$486 \overline{) 6}$

$164 \overline{) 4}$

$279 \overline{) 9}$

$284 \overline{) 4}$

6.  Hisoblaymiz.

$728 \div 8$
 $244 \div 4$

$455 \div 5$
 $486 \div 6$

$427 \div 7$
 $684 \div 4$

$639 \div 9$
 $325 \div 5$

3-bob.
22-dars

Uch xonali sonni bir xonali songa bo'lish

1.  Bo'linma qanday topilgan?

$$\begin{array}{r} \overline{)723} \\ \underline{6} \\ 12 \\ \underline{12} \\ 03 \\ \underline{3} \\ 0 \end{array}$$

$$783 \overline{)3}$$

$$532 \overline{)4}$$

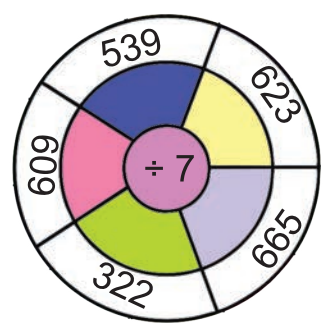
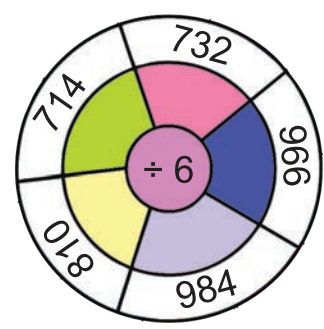
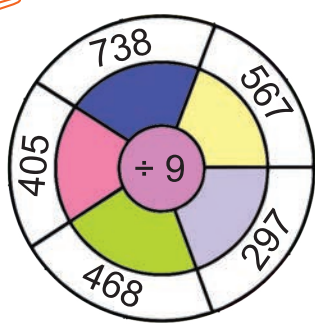
$$984 \overline{)6}$$

$$625 \overline{)5}$$

$$328 \overline{)8}$$

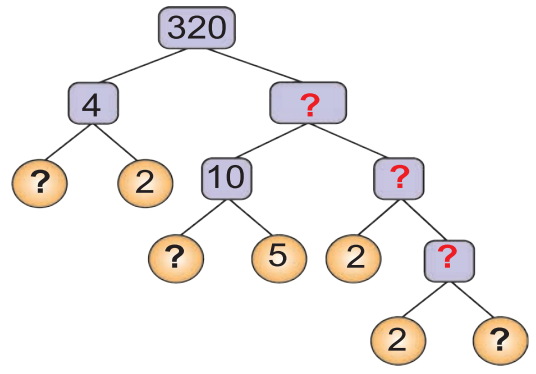
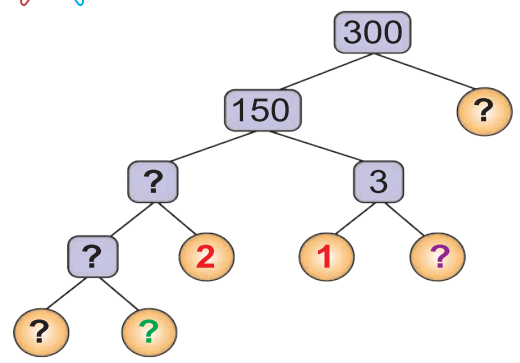
$$448 \overline{)7}$$

2.  Hisoblaymiz. Mos rangdagi bo'linmalarni taqqoslaymiz.



3.  Qurbaqa uch yilda voyaga yetadi. U voyaga yetgunga qadar rus oq tovug'i 900 ta tuxum qo'yadi. Ayting-chi, bu tovuq bir yilda nechta tuxum qo'yadi? 2 yilda-chi?

4.  Noma'lum sonlarni topamiz.



5.  Hisoblaymiz.

$$665 \overline{)5}$$

$$896 \overline{)7}$$

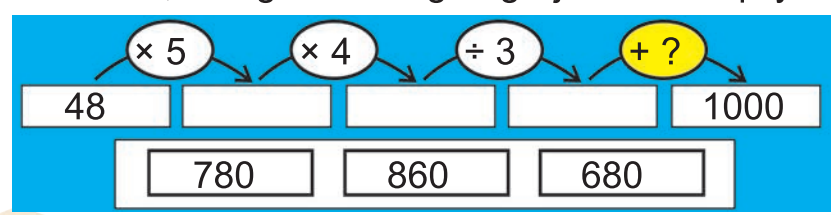
$$652 \overline{)4}$$

$$858 \overline{)6}$$

$$786 \overline{)3}$$

$$855 \overline{)9}$$

6.  Bo'sh kataklarni to'ldirib, ? belgisi o'rnidagi to'g'ri javobni aniqlaymiz.



3-bob. 23-dars

Uch xonali sonni bir xonali songa bo'lish

1.  Namuna asosida bo'linmalarni topamiz.

$$\begin{array}{r} 812 \overline{) 4} \\ - 8 \\ \hline 012 \\ - 12 \\ \hline 0 \end{array}$$

Bo'linuvchidagi ikkita raqam ketma-ket tushirilganda bo'linmaga bitta nol (0) yoziladi.

$$480 \overline{) 2}$$

$$915 \overline{) 3}$$

$$214 \overline{) 2}$$

$$816 \overline{) 2}$$

$$328 \overline{) 4}$$

$$448 \overline{) 4}$$

2.  Bo'linmasi bir xil bo'lgan ifodalarni topamiz va yozamiz.

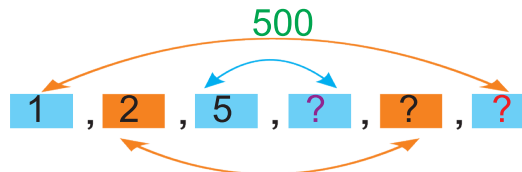
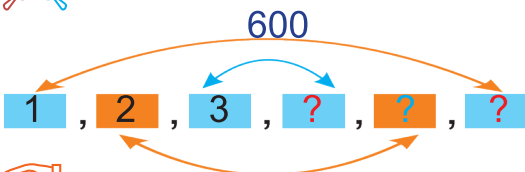
Namuna: $640 \div 8 = 720 \div 9 = 560 \div 7$

Boshlash	$640 \div 8$	$480 \div 6$	$450 \div 9$	$360 \div 6$	$720 \div 8$
$480 \div 8$	 40	 60	 70		
$180 \div 3$	 60				$270 \div 3$
$280 \div 7$			 90	 80	$540 \div 9$
		 70			$490 \div 7$
$320 \div 8$	 80		 40	 50	$420 \div 6$
$350 \div 7$					$160 \div 4$
$560 \div 7$	$240 \div 4$	$630 \div 9$	$810 \div 9$	$210 \div 3$	

3.  Navro'z bayramida tayyorlangan oshga ishlatilgan mahsulotlar miqdori qanchadan?

Osh	Guruch	Sabzi	Go'sht	Piyoz
				
	1000 kg	▲ bilan teng miqdorda	▲ ning teng yarmicha	▲ dan 5 marta kam

4.  Ko'rsatkichlar yordamida noma'lum sonlarni aniqlaymiz.



5.  Hisoblaymiz.

$$437 + 621 \div 3$$

$$408 \div 4 \times 5$$

$$603 \div 3 + 799$$

$$327 \div 3 + 111$$

6.  Bo'sh kataklarni to'ldiramiz.

$$\begin{array}{r} 414 \overline{) 2} \\ - 4 \\ \hline 14 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 738 \overline{) 9} \\ - 7 \\ \hline 18 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 238 \overline{) 7} \\ - 1 \\ \hline 28 \\ - 28 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 48 \overline{) 6} \\ - 42 \\ \hline 48 \\ - 48 \\ \hline 0 \end{array}$$

3-bob.
24-dars

Uch xonali sonni bir xonali songa bo'lish

1.  Taqqoslaymiz.

$534 \div 2$  $198 \div 3$ $429 \div 3$  $624 \div 4$ $525 \div 5$  $255 \div 5$

2.  Hisoblaymiz.

$858 \div 3 + 297$ $952 \div 4 \times 3$ $367 + 842 \div 2$ $1000 - 736 \div 2$

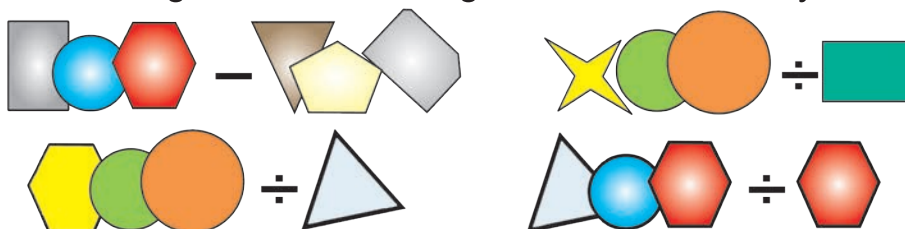
3.  San'at saroyidagi o'rindiqlar yosh tomoshabinlar teatridagidan nechta ko'p?

Yosh tomoshabinlar teatrida – ?, 2 barobar kam

Milliy teatrdagi – 500 ta o'rindiq

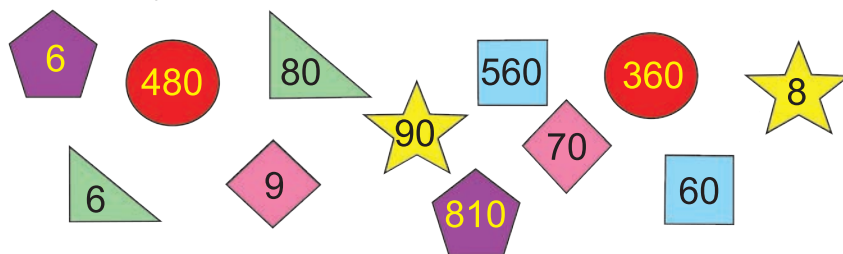
San'at saroyida – ?, 250 ta ortiq

4.  Shakllardagi burchaklar soniga asosan hisoblaymiz.

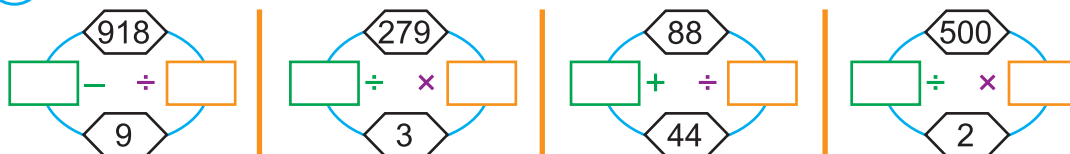


5.  Agar o'ylangan son 3 marta kamaytirilsa, eng kichik uch xonali son hosil bo'ladi. Qaysi son o'ylangan?

6.  Shakllarda berilgan sonlardan foydalanib bo'lishga oid misollar tuzamiz va yechamiz.



7.  Amallarni bajaramiz.



8.  Hisoblaymiz.

4×10 $800 \div 8$ $400 \div 4$ $70 \div 10$ $50 \div 5$ 100×2
 $128 \div 4$ $888 \div 4$ $404 \div 4$ $870 \div 3$ $950 \div 5$ $672 \div 6$

**3-bob.
25-dars**

Ko'paytirish va bo'lishga doir masalalar

1. 

Men bir son o'yladim.
Uni 3 ga ko'paytirib,
natijaga 50 ni qo'shsam,
500 hosil bo'ladi. Umid,
ayt-chi, men qaysi sonni
o'yladim?



Men esa
shunday son
o'yladim... Uni
4 ga bo'lib, 70 ni
qo'shsak,
270 bo'ladi.

2.  Matematikadan amaliy ish bajarilayotgan 5 ta guruhning har birida 35 nafardan o'quvchi bor. Quyidagi savollarga javob topamiz:

- jami o'quvchilar soni nechta?
- har bir o'quvchiga 2 tadan rangli qog'oz berilsa, jami nechta rangli qog'oz kerak bo'ladi?

3.  Katakalar o'rniga tegishli sonni qo'yamiz.

$$\begin{array}{ccccccc} 5 \times \square = 80 & \square \times 7 = 84 & 6 \times \square = 72 & \square \div 8 = 80 \\ \square \div 3 = 90 & 240 \div \square = 6 & \square \times 3 = 45 & \square \div 6 = 60 \end{array}$$

4.  Qaroqchilarda ikkita sandiqcha bor. Chapdagi sandiqchada 100 ta tanga bor, o'ngdagi sandiqcha esa bo'sh. Qaroqchilar ikkala sandiqchadagi tangalarni tenglashtirish uchun har kuni chapdagi sandiqchaga 1 ta, o'ngdagi sandiqchaga esa 2 tadan tanga solib borishdi. Sandiqchalardagi tangalar soni necha kunda teng bo'ladi?



5.  Hisoblaymiz va taqqoslaymiz.

$$\begin{array}{ccccccc} 545 \div 5 \bigcirc 534 \div 3 \times 1 & 882 + 118 \bigcirc 828 + 118 & 344 \times 1 \bigcirc 423 \times 0 \\ 287 \div 7 \bigcirc 287 \div (3 + 4) & 945 - 445 \bigcirc 954 - 554 & 763 + 37 \bigcirc 763 + 0 \end{array}$$

6.  Bir xonali son o'ylaymiz. Unga o'zini qo'shamiz. Natijani 7 ga ko'paytiramiz. Hosil bo'lgan ko'paytmanni o'ylagan sonimizga bo'lamiz. Natijani do'stimizniki bilan solishtiramiz. Qanday xulosaga keldingiz?

7. 



Fermada tovuq va qo'ylar boqiladi.
Tovuqlarning jami oyoqlari soni
108 ta, qo'ylarning jami oyoqlari
soni 96 ta bo'lsa, fermada nechta
tovuq va qo'y boqiladi?

3-bob.
26-dars

Ko'paytirish va bo'lishga doir masalalar

1.  Yasmina maktab kutubxonasini tartibga solishga yordam bermoqda. U kutubxonadagi 639 ta badiiy kitobni teng miqdorda 3 ta javonga nechtdan joylaydi?

2.  Ifodalar tuzamiz va qiymatlarini taqqoslaymiz.

8	50	945	9	3		287		4	125	
				312			7	160	8	

3.  Hayvonot bog'ida nechta ilon bor?

Jami hayvonlar				
214 ta	?,  dan 5 marta kam	35 ta	?,  dan 13 marta ko'p	?

4.  Harflar o'rniga qaysi sonlar mos keladi?

$$\begin{array}{r} a \ a \ b \\ + \ b \ a \ b \\ \hline 9 \ 3 \ 6 \end{array}$$

$$\begin{array}{r} b \ c \ a \\ + \ a \ c \ b \\ \hline 9 \ c \ 9 \end{array}$$

$$\begin{array}{r} a \ x \ 6 \\ \times \ \ \ x \\ \hline 7 \ b \ c \end{array}$$

5.  Mahallada 128 ta uy bor. Har bir uyda 4 nafardan farzand, 2 tadan mushuk va 1 tadan kuchuk bor.

- Bu mahallada nechta bola yashaydi?
- Mahallada nechta uy hayvoni bor?



6.  Hisoblaymiz.

26	35	46	39	7	141	135
$\times 4$	$\times 6$	$\times 3$	$\times 6$	$\times 51$	$\times 2$	$\times 5$

7. 



Futbol musobaqasida har bir yutuq 3 ochko, durang 1 ochko, mag'lubiyat 0 ochko olib keladi. Jamoada 16 ta yutuq, 18 ta durang, 8 ta mag'lubiyat bo'lsa, jamg'arilgan ochkolari soni qancha?

3-bob.
27-dars

Ko'paytirish va bo'lishni tekshirish

1.  Noma'lum ko'paytuvchilarni topamiz.

$2 \times \underline{\quad} = 160$

$\underline{\quad} \times 9 = 180$

$\underline{\quad} \times 4 = 200$

$2 \times \underline{\quad} = 20$

$\underline{\quad} \times 5 = 100$

$5 \times \underline{\quad} = 1000$

2.  Ko'paytmalarning to'g'riligini qanday tekshiramiz?

$14 \times 6 = 84$

$25 \times 3 = ?$

$17 \times 5 = ?$

$84 \div 6 = 14$

3.  Avtoturargoh 3 qavatli bo'lib, birinchi qavatga 243 ta mashina sig'adi. Keyingi qavatlarga esa o'zidan oldingi qavatdan 3 marta kam avtomobil sig'adi. Har bir qavatda 12 tadan joy nogironligi bo'lgan haydovchilar uchun ajratilgan bo'lsa, avtoturargoh jami nechta mashinani sig'dira oladi? Nogironligi bo'lgan haydovchilar uchun nechta joy ajratilgan?

4.  Amallardan foydalanib tengliklar hosil qilamiz.

$7 \ 7 \ 7 \ 7 \ 7 \ 7 \ 7 = 70$

$7 \ 7 \ 7 \ 7 \ 7 \ 7 = 77$

5.  Namuna asosida ifoda tuzamiz va qiymatini topamiz.

50	$\times$	3	=	
	$\times$		=	
150	$\div$	3	=	
	$\div$		=	

150
50
3

900
?
?

19	4
?	?
?	?

6.  Hisoblaymiz.

210	$70 \times 3 = ?$
70	$? \times 70 = 210$
3	$210 \div 3 = ?$
	$210 \div ? = 3$

320	
8	

?	
5	

500	
?	

999 $\xrightarrow{\div 1}$? $\xrightarrow{\div 3}$? $\xrightarrow{\times 2}$? $\xrightarrow{\div 6}$? $\xrightarrow{\times 9}$?

3-bob.
28-dars

Ko'paytirish va bo'lishni tekshirish

1.  Jadvalni to'ldiramiz. Kim tez bajaradi?

×	60	111
7		
9		



÷	9	3
981		
360		

2.  Hisoblaymiz. Qanday xulosaga keldingiz?

$$286 \xrightarrow{\div 2} ? \xrightarrow{\times 2} 286$$

$$324 \xrightarrow{\div 3} ? \xrightarrow{\times 3} 324$$

$$? \xrightarrow{\div 4} 164 \xrightarrow{\times 4} ?$$

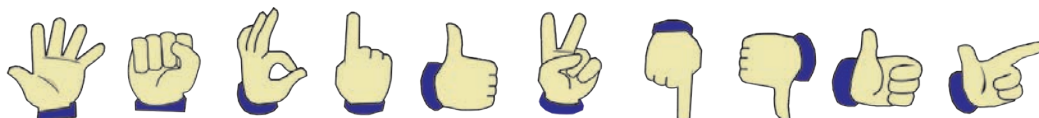
$$? \xrightarrow{\div 5} 184 \xrightarrow{\times 5} ?$$

3.  Hisoblaymiz va har bir natijani tushuntiramiz.

Favqulodda vaziyatlar bo'limida 9 ta o't o'chirish mashinasi bor. 108 nafar o't o'chiruvchi navbatchilik qiladi. Har bir mashinaga o't o'chiruvchilarni teng bo'lish mumkinmi?

Shahar tez tibbiy yordam bo'limida 21 ta tez yordam mashinasi mavjud. Har bir mashinaga 3 nafardan hamshira, 1 nafardan shifokor taqsimlansa, jami nechta tibbiyot xodimi kerak bo'ladi?

4.  Rasmlardagi nechta harakat o'ng qo'lda bajarilgan?



A) 3

B) 4

C) 5

D) 6

E) 7

5.  Hisoblaymiz.

$$\begin{aligned} 8 \times 59 &= 8 \times (\underline{\quad} + 9) \\ &= (\underline{\quad} \times 50) + (8 \times \underline{\quad}) \\ &= \underline{\quad} + \underline{\quad} = \underline{\quad} \end{aligned}$$

$$\begin{aligned} 8 \times 59 &= 8 \times (\underline{\quad} - 1) \\ &= (\underline{\quad} \times 60) - (8 \times \underline{\quad}) \\ &= \underline{\quad} - \underline{\quad} = \underline{\quad} \end{aligned}$$

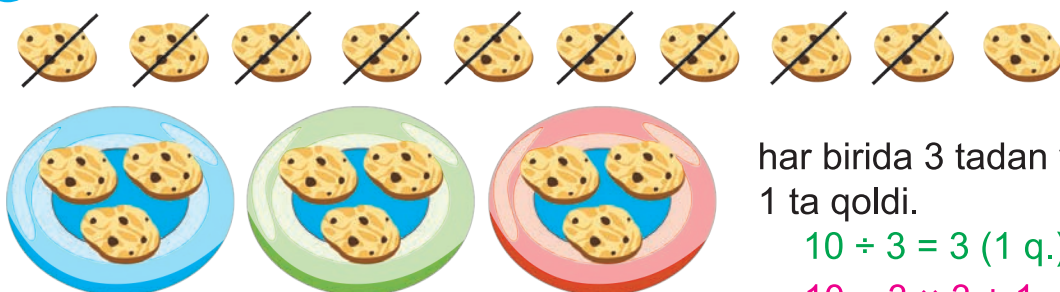
6.  Har kuni Samarqanddan Toshkentga 3 ta reysda samolyot parvoz qiladi. Har bir samolyot 293 nafar yo'lovchi sig'imiga ega. Agar har bir reysda o'rindiqlar band bo'lsa, ushbu reyslarda 1 kunda qancha yo'lovchi parvoz qiladi?

3-bob.
29-dars

Qoldikli bo'lish



1. Shirinliklar qanday taqsimlandi?



har birida 3 tadan va
1 ta qoldi.

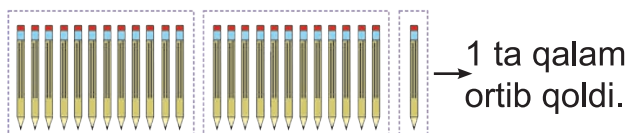
$$10 \div 3 = 3 \text{ (1 q.)}$$

$$10 = 3 \times 3 + 1$$

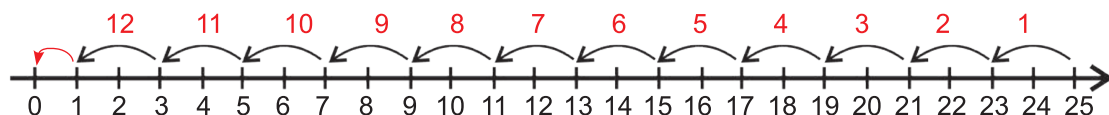
2. Bo'lish qanday bajarilgan? Xulosamizni aytamiz.

25 ta qalamni 2 ta guruhga ajratamiz

$$\begin{array}{r} 25 \overline{) 2} \rightarrow \text{guruhlar soni} \\ - 2 \downarrow \overline{) 12} \rightarrow \text{har bir guruhdagi} \\ \hline 05 \quad \text{qalamlar soni} \\ - 4 \\ \hline 1 \rightarrow \text{ortgan qalam soni} \end{array}$$



! Bo'lish amalini bajarish eng katta xona birligidan boshlanadi. Agar qoldiq bo'luvchidan kichik bo'lsa, bo'lish to'xtatiladi.



3. Bo'linma va qoldiqlarni topamiz.

÷	31	32	33	34	35	36	37	38	39
÷ 3		10 (2 q.)							
÷ 4						9			

4. Qassob 48 kg go'shtni 5 kg li paketlarga solib chiqdi. Qassobga nechta paket kerak bo'ldi? Necha kg go'sht ortib qoldi?

5. Hisoblaymiz.

$$68 \overline{) 3}$$

$$68 \overline{) 5}$$

$$83 \overline{) 7}$$

$$32 \overline{) 5}$$

$$46 \overline{) 9}$$

$$97 \overline{) 3}$$

- 6.

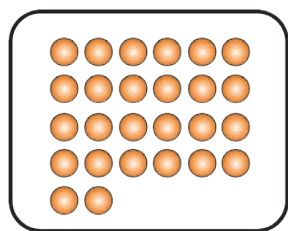
$$\begin{array}{l} 144 \div 9 = \square \\ (90 + \square) \div 9 = \square \\ (\square \div 9) + (\square \div 9) = \square \\ \square + \square = \square \end{array}$$

$$\begin{array}{l} 168 \div 8 = \square \\ (88 + \square) \div 8 = \square \\ (\square \div 8) + (\square \div 8) = \square \\ 11 + \square = \square \end{array}$$

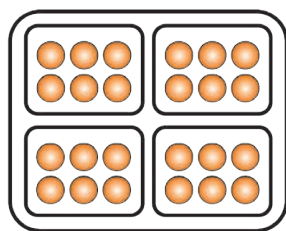
3-bob. 30-dars

Qoldikli bo'lish

1.  Qoldiq qanday topilgan?



26



$4 \times 6 = ?$

?

$$26 - 4 \times 6 = 26 - 24 = 2 \text{ qoldiq}$$

$$\begin{array}{r} 26 \overline{) 4} \\ - 24 \overline{) 6} \\ \hline 2 \text{ (q)} \end{array}$$

$$26 = 4 \times 6 + 2$$

$$\begin{array}{r} \text{bo'linuvchi} \rightarrow 57 \overline{) 5} \leftarrow \text{bo'luvchi} \\ - 5 \overline{) 11} \leftarrow \text{bo'linma} \\ \hline 07 \\ - 5 \\ \hline 2 \leftarrow \text{qoldiq} \end{array}$$

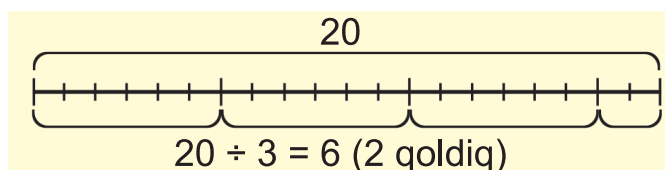
$$\begin{array}{r} 11 \rightarrow \text{bo'linma} \rightarrow 55 \\ \times 5 \rightarrow \text{bo'linuvchi} \rightarrow 55 \\ \hline 55 \end{array}$$

$$+ 2 \rightarrow \text{qoldiq}$$

$$57 \rightarrow \text{bo'linuvchi}$$

Qoldiq har doim bo'luvchidan kichik bo'lishi kerak.

2.  Namuna asosida bo'linma va qoldiqni aniqlaymiz.



$$12 \div 5 = ? \text{ (2 q.)}$$

$$56 \div 3 = 18 \text{ (? q.)}$$

$$89 \div 4 = ? \text{ (1 q.)}$$

$$91 \div 11 = 8 \text{ (? q.)}$$

3.  Sinfda 33 nafar o'quvchi bor. Agar har bir parta 2 nafardan o'quvchi o'tirishiga mo'ljallangan bo'lsa, jami nechta parta kerak bo'ladi?



4.  Besh qavatli uyda Anvar Farhoddan yuqorida, lekin Sarvardan pastda yashaydi. Komil esa Farhoddan pastda yashaydi. Komil uying 2-qavatida yashasa, Anvar qaysi qavatda yashaydi?

5.  Namuna asosida hisoblab, jadvalni to'ldiramiz.

Bo'linuvchi	Bo'luvchi	Bo'linma	Qoldiq
97	8	12	1
?	4	16	0
?	7	13	4
?	5	7	3

$$\begin{aligned} 8 \times 12 &= 96 \\ 96 + 1 &= 97 \end{aligned}$$

6.  Hisoblaymiz.

$$69 \overline{) 5}$$

$$27 \overline{) 3}$$

$$62 \overline{) 4}$$

$$59 \overline{) 6}$$

$$92 \overline{) 7}$$

$$44 \div 10$$

$$64 \div 10$$

$$81 \div 10$$

$$97 \div 10$$

3-bob. 31-dars

Qoldiqli bo'lish

1.



$$\begin{array}{r} 93 \div 6 = ? \\ 93 - 60 + 33 \\ - 60 \quad 10 \times 6 \\ \hline 33 \\ - 30 \quad 5 \times 6 \\ \hline 3 \quad 15 \\ 93 \div 6 = 15 (3 \text{ q}) \end{array}$$

Bo'lish qanday bajarilgan?
Qanday xulosaga keldingiz?

$$\begin{array}{ll} 70 \div 6 & 61 \div 4 \\ 89 \div 4 & 77 \div 4 \end{array}$$

2.



Namuna asosida bo'lishni bajaramiz.

$$\begin{array}{r} 6 \text{ o'nlik} + 6 \text{ birlik} \mid 4 \\ - 4 \text{ o'nlik} \\ \hline 2 \text{ o'nlik} + 6 \text{ birlik} \end{array}$$

90 ÷ 7

$$\begin{array}{r} 6 \text{ o'nlik} + 6 \text{ birlik} \mid 4 \\ - 4 \text{ o'nlik} \\ \hline 26 \text{ birlik} \\ - 24 \text{ birlik} \\ \hline 2 \text{ birlik} \end{array}$$

84 ÷ 8

$$\begin{array}{r} 66 \mid 4 \\ - 4 \\ \hline 26 \\ - 24 \\ \hline 2 \text{ (qoldiq)} \end{array}$$

507 ÷ 9

100 ÷ 9

520 ÷ 3

750 ÷ 4

3.



Oshxonada 1 ta stolga 6 kishi o'tiradi. Qaysi kuni eng ko'p stol tayyorlangan? Bu shanba kuni tayyorlangan stollar sonidan qanchaga farq qiladi? Jadvalni to'ldiramiz.

Kunlar	Odamlar soni	Stollar soni	Qoldiq bilan birga tayyorlangan stollar soni
Dushanba	756		
Seshanba	935		
Shanba	734		
Yakshanba	821		

4.



Beshta 5 raqami va amal belgilari yordamida 100 sonini hosil qila olamizmi? 5 ta 3 dan-chi?

5.



Noma'lumlarni topamiz.

$$6 \times \underline{\quad} = 486$$

$$48 \div \underline{\quad} = 12$$

$$\underline{\quad} \div 7 = 11 (1 \text{ q.})$$

$$563 \div \underline{\quad} = 7 (3 \text{ q.})$$

$$\underline{\quad} \div 9 = 77 (2 \text{ q.})$$

$$310 \div \underline{\quad} = 103 (1 \text{ q.})$$

6.



Bo'linma va qoldiqlarni topamiz.

172 ÷ 4 = ? q.

251 ÷ 2 = ? q.

422 ÷ 3 = ? q.

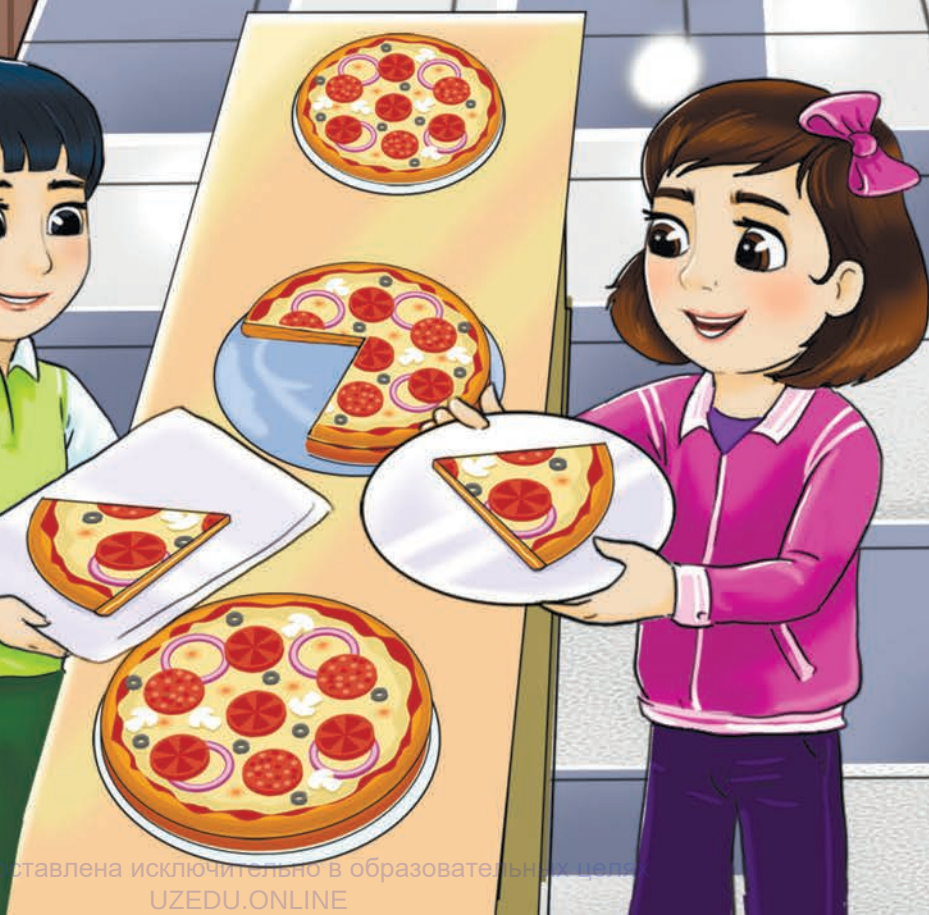
533 ÷ 3 = ? q.

786 ÷ 6 = ? q.

4-BOB

KASRLAR

1									
$\frac{1}{2}$					$\frac{1}{2}$				
$\frac{1}{3}$			$\frac{1}{3}$			$\frac{1}{3}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$
$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$
$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$
$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$

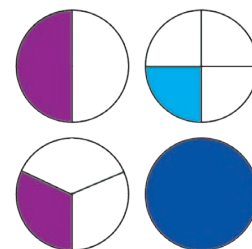
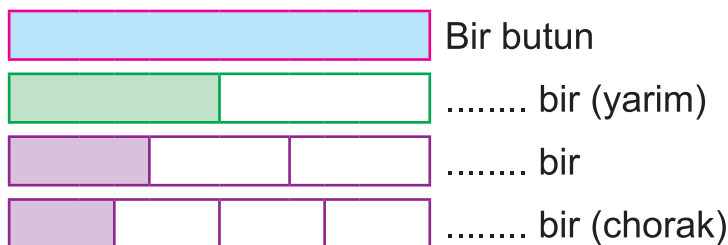


4-bob.
1-dars

Kasr haqida tushuncha



1. Shakllarning qanday qismi bo'yalgan?



Bularni sonlar orqali quyidagicha yozish mumkin.

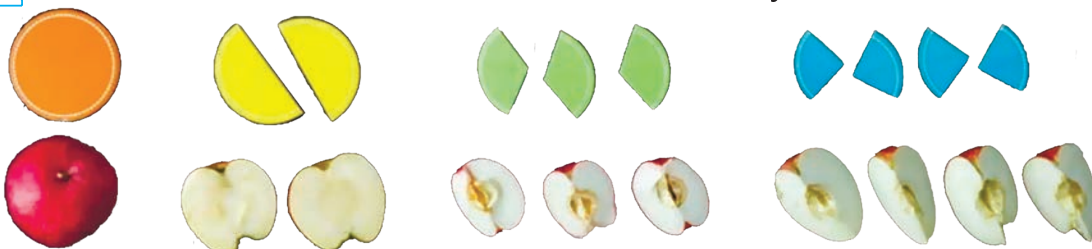
Ikki dan bir = 2 dan 1 = $\frac{1}{2}$ Uchdan bir = 3 dan 1 = $\frac{1}{3}$ To'rt dan bir = 4 dan 1 = $\frac{1}{4}$

Bunday ifoda **kasr** deb ataladi.

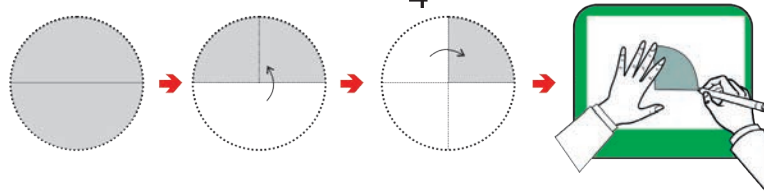
$\frac{1}{3}$ → Kasrning surati
 —→ Kasr chizig'i
 $\frac{1}{3}$ → Kasrning maxraji



2. Shaki va meva bo'laklarini kasrlarda ifodalaymiz.



3. Buklash yordamida doiraning $\frac{1}{4}$ qismini hosil qilamiz.



4. $\square\square > \square\square$ tengsizlik to'g'ri bo'lishi uchun 0, 1, 2, 5 raqamlaridan foydalanib ikki xonali sonlar hosil qilamiz.

5. Jadvalni to'ldiramiz.

Kasrlar	Surat	Maxraj
$\frac{1}{2}$		1 2

Kasrlar	Surat	Maxraj

6. $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}, \frac{1}{6}$ kasrlarga mos shakllar chizamiz.

4-bob.
2-dars

Kasr haqida tushuncha

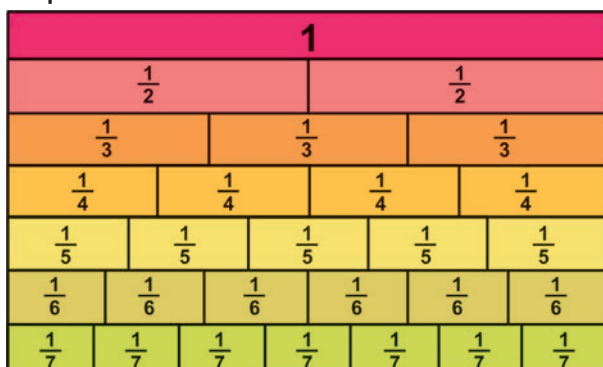


1. Savollarga javob beramiz va kasrlarda ifodalaymiz.

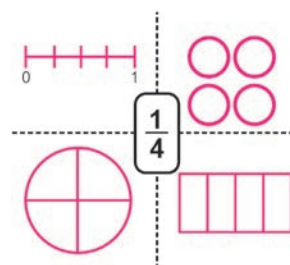
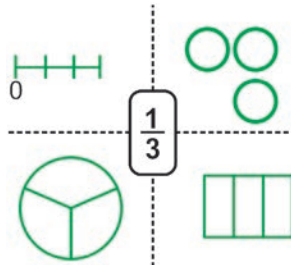
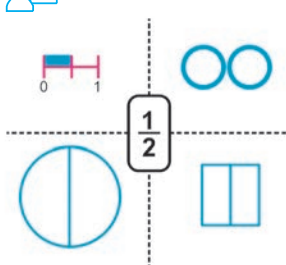


- Dushanba haftaning qanday qismi?
- Bahor fasli bir yilning qanday qismi?
- Mart oyi bahorning qanday qismi?
- Mart oyi bir yilning qanday qismi?

2. Maxraji 12 gacha bo'lgan kasrlar devorini yasaymiz va tahlil qilamiz.



3. Shakllarni chizamiz va kasrlarga mos qismini bo'yaymiz.



4. Ko'paytmani hosil qiladigan to'rtta sonni birlashtiramiz.



1	2	3
4	5	6
60		

3	1	4
5	2	4
48		

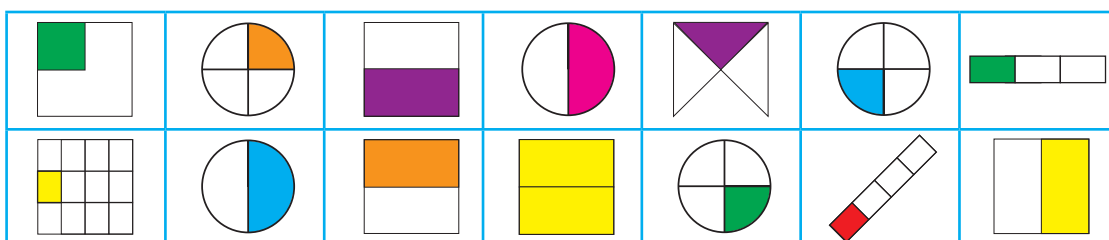
1	2	3
6	5	4
24		

2	4	3
1	6	5
60		

5. Tortni teng 8 bo'lakka bo'lish uchun pichoqni eng kamida necha marta ishlatish mumkin? 16 bo'lakka bo'lish uchun-chi?



6. Kasr ko'rinishida yozamiz va mos shakllarni chizamiz.



4-bob.
3-dars

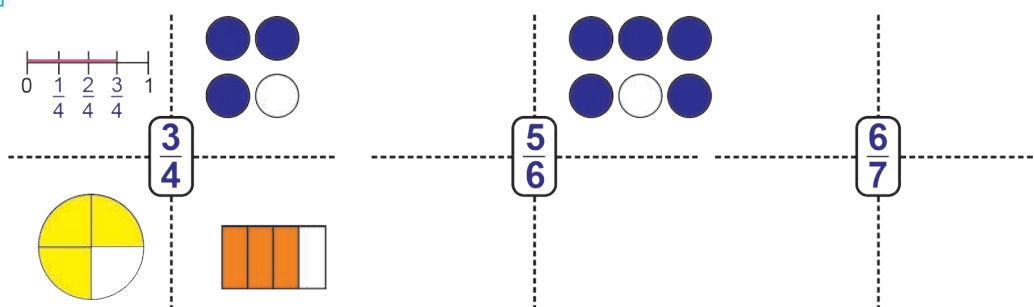
Kasr haqida tushuncha



1. Doirani teng uch bo'lakka bo'lib, uning ikki qismini bo'yaymiz. Doiraning qanday qismi bo'yalganini kasrda ifodalaymiz.



2. Shakllarni chizamiz va kasrlarga mos qismini bo'yaymiz.

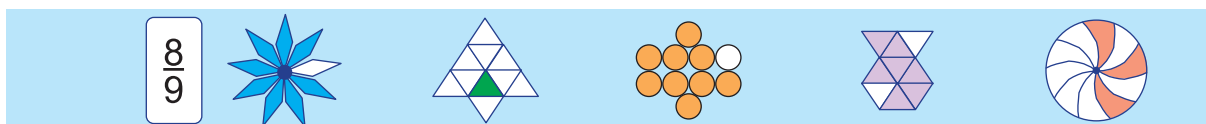


3. O'g'il bolalar jami bolalarning qanday qismini tashkil qiladi?
– Ko'zoynak taqqan bolalar qanday qismni tashkil etmoqda?
– Bolalarning qanday qismi tabassum qilmoqda?

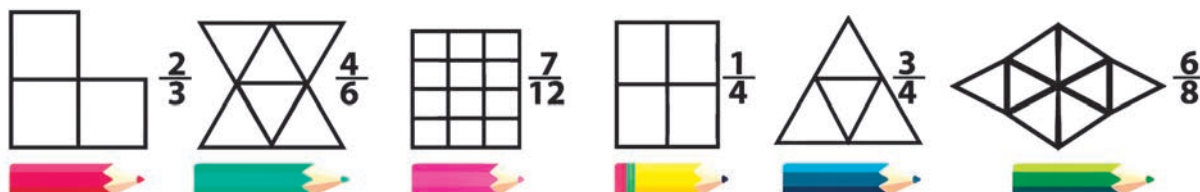


4. Maktab hovlisida 19 ta qiz bola va 12 ta o'g'il bola o'ynamoqda. Bolalarga yana nechta o'quvchi qo'shilsa, ular oltita teng jamoaga bo'linishi mumkin?

5. Shakllarning qanday qismi bo'yalgan? Kasrlarda ifodalaymiz.



6. Shakllarning kasrlarda ko'rsatilgan qismini bo'yaymiz. Ular qanday shakllardan tashkil topganini aytamiz.



**4-bob.
4-dars**

Kasr haqida tushuncha

1.  Kasrlar devoridan foydalanib $\frac{2}{6}, \frac{3}{8}, \frac{4}{5}, \frac{5}{7}, \frac{3}{6}$ kasrlar qanday hosil bo'lishini ko'rsatamiz.



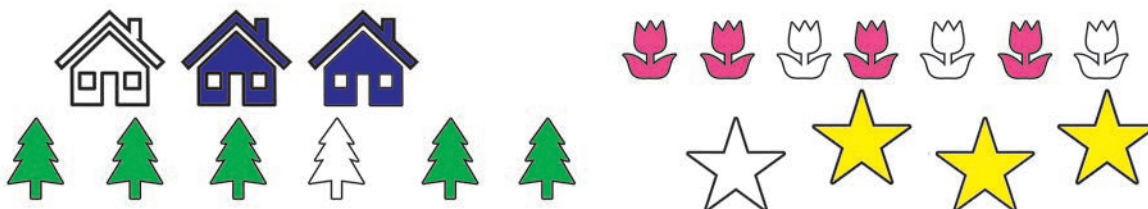
Bir butun uchun 1 yoki $\frac{1}{1}$ yozuvi qabul qilingan:

$$1 = \frac{1}{1} = \frac{2}{2} = \frac{3}{3} = \frac{4}{4} = \frac{5}{5} = \frac{6}{6} = \frac{7}{7} = \frac{8}{8} = \frac{9}{9} = \frac{10}{10} = \frac{11}{11} = \frac{12}{12}$$



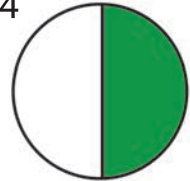
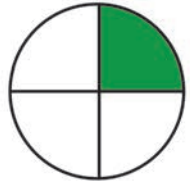
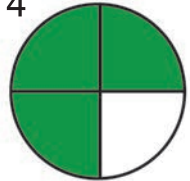
2.  Kasrlarda ifodalaymiz.
Yarim, oltidan besh, sakkizdan uch, to'rttdan ikki, yettidan bir, o'ndan to'qqiz, sakkizdan yetti, o'n ikkidan o'n bir, yettidan to'rt, chorak, to'qqizdan to'qqiz, butun.

3.  Rasmlarning qanday qismi bo'yalgan?



4.  Sinfdan 18 nafar qiz bola, 12 nafar o'g'il bola bor edi. 19 nafar o'quvchi chiqib ketdi. Sinfdan qolgan qizlar va o'g'il bolalar soni bir xil bo'lishi mumkinmi?

5.  To'g'ri javobni aniqlab, kasrning o'qilishi va yozilishini aytamiz.

$\frac{1}{4}$ qaysi shaklga mos keladi?  	$\frac{3}{4}$ qaysi shaklga mos keladi?  
	
Hayvonlarning qaysi qismi mushuklar? $\frac{1}{8}, \frac{3}{8}, \frac{5}{8}$	Itlar hayvonlarning qaysi qismini tashkil qiladi? $\frac{5}{8}, \frac{3}{8}, \frac{2}{8}$

6.  Hisoblaymiz.

$$560 \div 8 + 720 \div 9$$

$$360 \div 6 + 250 \div 5$$

$$210 \div 3 - 250 \div 5$$

$$480 \div 6 - 280 \div 7$$

$$320 \div 4 \times 5$$

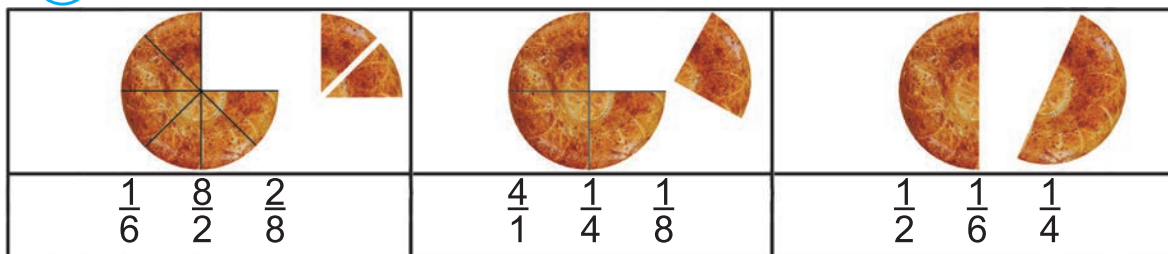
$$120 \div 4 \times 7$$

4-bob.
5-dars

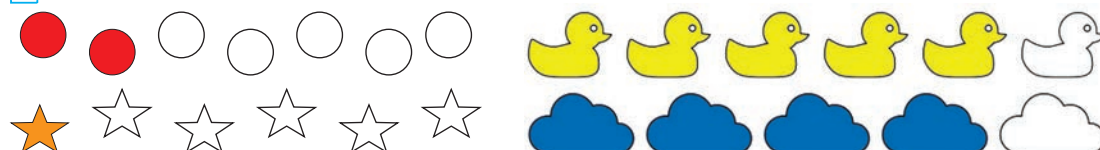
Kasr haqida tushuncha



1. Nonning olingan bo'laklari qaysi kasrga mos keladi?



2. Narsalar to'plamini kasrlarda ifodalaymiz.



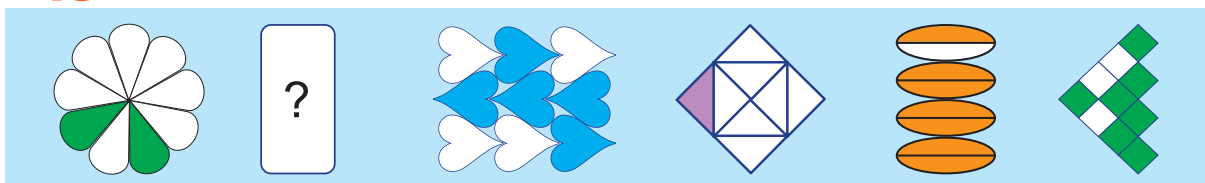
3. Javoblarni kasr ko'rinishida ifodalaymiz.

- Ovqatlanish anjomlarining qancha qismi pichoqlar?
- Qancha qismini qoshiqlar tashkil qiladi? Sanchqi-chi?
- Qaysi anjomni bildirgan kasr kichikroq?



4. 39 dan 101 gacha bo'lgan sonlarni hosil qilish uchun nechta raqam ishtirok etadi?

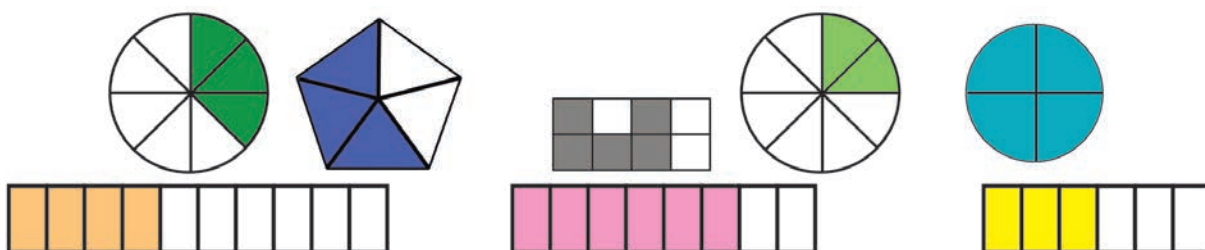
5. Shakllarning qanday qismi bo'yalmagan? Kasrlarda ifodalaymiz.



6. Kasrlarda ifodalaymiz.

Oltidan bir; to'rttdan uch; sakkizdan ikki; beshdan to'rt; uchdan ikki; yettidan besh; to'qqizdan to'qqiz; o'ndan uch; o'n ikkididan sakkiz.

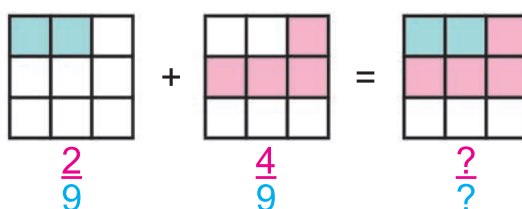
7. Bo'yalgan qismlarga mos kasrlarni yozamiz.



**4-bob.
6-dars**

Bir xil maxrajli kasrlarni qo'shish

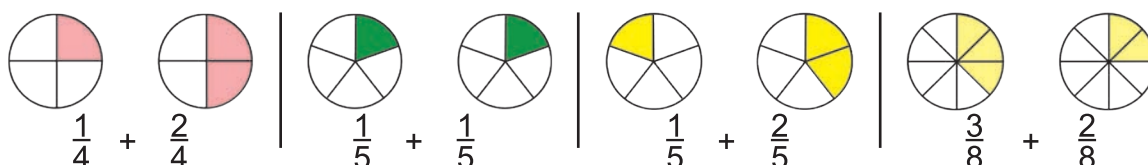
1.  Yig'indi qanday hosil bo'ldi?



Bir xil maxrajli kasrlarni qo'shganda ularning faqat suratlari qo'shiladi. Maxraji esa o'zgarmaydi.

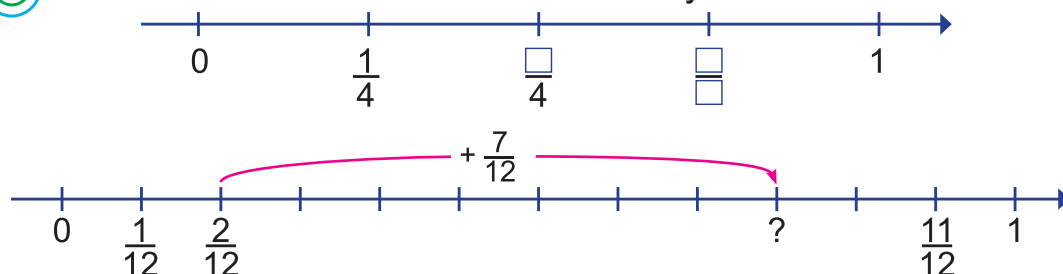
$$\frac{1}{5} + \frac{3}{5} = \frac{\square + \square}{5} = \frac{?}{5}$$

2.  Modellar asosida kasrlarni qo'shamiz.



3.  Feruza nonni teng to'rt bo'lakka bo'lib, bir bo'lagini o'zi, bir bo'lagini ukasi yedi. Ular birgalikda nonning qanday qismini yeyishdi?

4.  Bo'sh kataklarni to'ldiramiz va hisoblaymiz.



5.  Muxlisa har kuni 6 tadan, Durdona esa 4 tadan masala yechadi. Muxlisa 4 kunda yechadigan masalani Durdona necha kunda yechadi?

6.  Berilganlarning qanday qismi kalitlar? Qanday qismi qulflar?



7.  Hisoblaymiz.

$$\frac{2}{10} + \frac{7}{10}$$

$$\frac{1}{3} + \frac{1}{3}$$

$$\frac{2}{8} + \frac{6}{8}$$

$$\frac{7}{10} + \frac{3}{10}$$

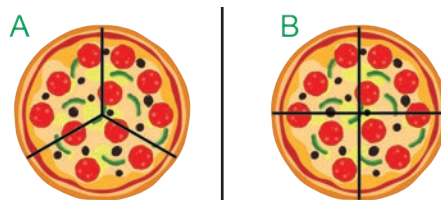
$$\frac{9}{12} + \frac{1}{12}$$

$$\frac{3}{9} + \frac{6}{9}$$

**4-bob.
7-dars**

Bir xil maxrajli kasrlarni qo'shish

1.  Ali, Vali va Guli pitsani teng bo'laklarga bo'lishdi. Ularning har biri bir qismdan yeb pitsani tugatishdi. Bolalar pitsani qanday bo'lakka bo'lishgan?



2.  Hisoblaymiz.

$$\frac{1}{3} + \frac{1}{3}$$

$$\frac{10}{12} + \frac{1}{12}$$

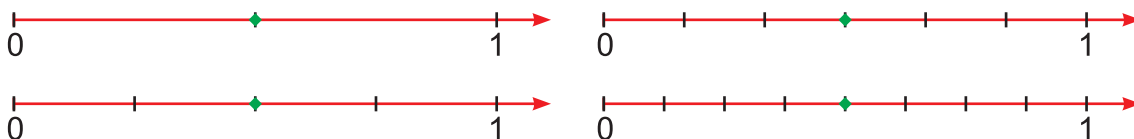
$$\frac{2}{6} + \frac{2}{6}$$

$$\frac{5}{7} + \frac{1}{7}$$

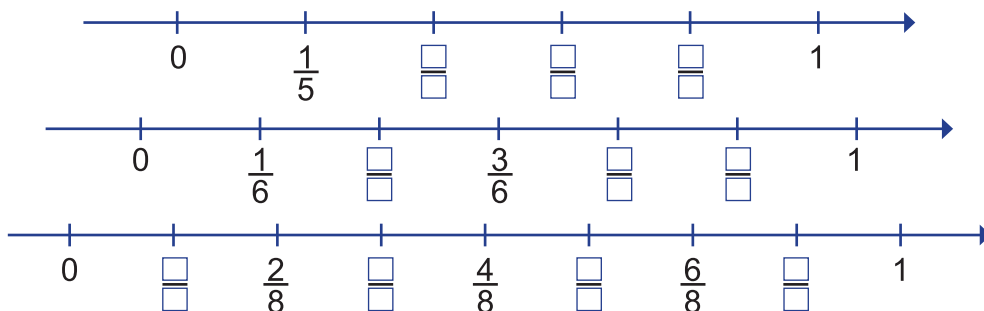
$$\frac{6}{11} + \frac{4}{11}$$

3.  Dilshoda kutubxonadan kitoblar oldi. U olgan jami 10 ta kitobdan 3 tasi ertaklar, 4 tasi o'simliklar haqida. Ertaklar va o'simliklar haqidagi kitoblar jami olingan kitoblarning qanday qismini tashkil qiladi?

4.  Nuqtalarga mos kasrlarni yozamiz. Kim qanday ifodaladi?



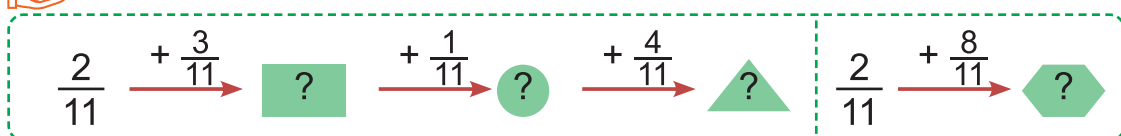
5.  Bo'sh kataklarni to'ldiramiz.



6.  Modellar asosida ifodalar tuzib, hisoblaymiz.



7.  Qanday xulosaga keldingiz?



8.  Kasrlarni qo'shamiz.

$$\frac{1}{7} + \frac{2}{7}$$

$$\frac{4}{11} + \frac{6}{11}$$

$$\frac{5}{6} + \frac{1}{6}$$

$$\frac{1}{4} + \frac{3}{4}$$

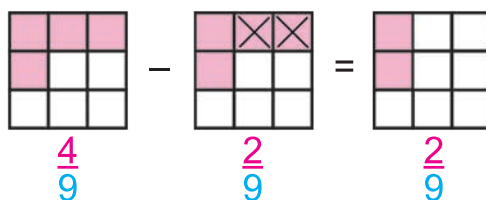
$$\frac{2}{5} + \frac{3}{5}$$

$$\frac{4}{12} + \frac{7}{12}$$

4-bob.
8-dars

Bir xil maxrajli kasrlarni ayirish

1.  Ayirmalar qanday hosil bo'lganini tushuntiramiz.



Bir xil maxrajli kasrlarni ayirishda ularning faqat suratlari ayiriladi, maxraji esa o'zgarmaydi.

$$\frac{3}{5} - \frac{1}{5} = \frac{3-1}{5} = \frac{2}{5}$$

$$\frac{7}{12} - \frac{4}{12}$$

$$\frac{5}{6} - \frac{1}{6}$$

$$\frac{6}{7} - \frac{2}{7}$$

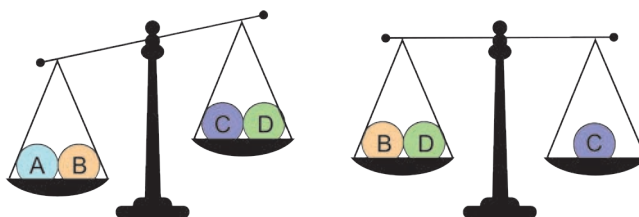
$$\frac{6}{11} - \frac{4}{11}$$

2.  Zuhra nonni teng bo'laklarga bo'lib, bir bo'lagini Hasanga berdi. Zuhra nonning $\frac{3}{4}$ qismini yegan bo'lsa, Hasan qanday qismini yedi?

3.  Shakllarning qizil rangga bo'yalgan qismini aniqlaymiz va unga mos kasrlarni topib yozamiz.



4.  To'rtta sharning og'irligi 1 kg, 2 kg, 3 kg va 4 kg ni tashkil qiladi. Qaysi sharning og'irligi 3 kg?



5.  Kasrlarni ayiramiz.

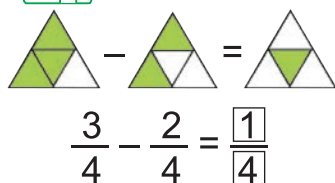
$$\frac{6}{7} - \frac{2}{7} - \frac{1}{7}$$

$$\frac{7}{8} - \frac{4}{8} - \frac{2}{8}$$

$$\frac{9}{11} - \frac{5}{11} - \frac{3}{11}$$

$$\frac{4}{5} - \frac{2}{5} - \frac{1}{5}$$

6.  Namuna asosida kasrlarni ayiramiz va bo'yaymiz.



**4-bob.
9-dars**

Bir xil maxrajli kasrlarni ayirish

1.  Hisoblaymiz.

$$\frac{3}{4} - \frac{2}{4} \quad \frac{7}{12} - \frac{3}{12} \quad \frac{4}{5} - \frac{2}{5} \quad \frac{2}{3} - \frac{1}{3} \quad \frac{5}{7} - \frac{3}{7} \quad \frac{6}{9} - \frac{3}{9}$$

2.  Noma'lum sonlarni aniqlaymiz.

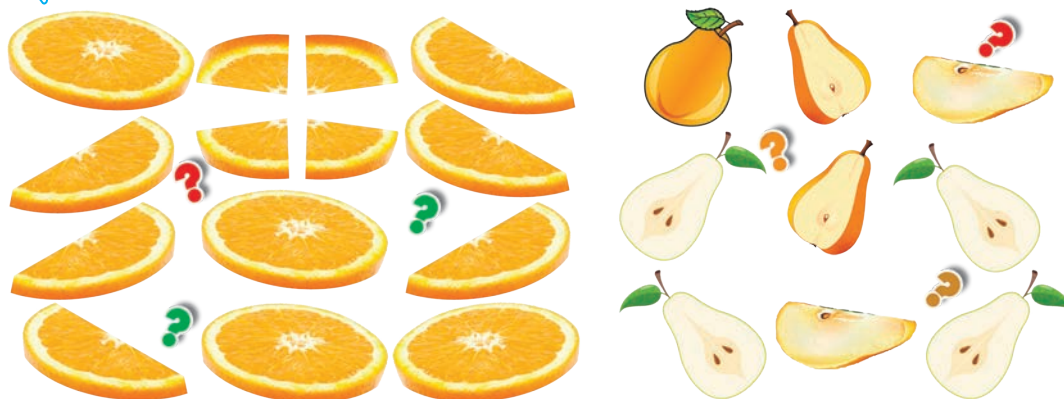
$$\frac{10}{10} - \frac{?}{10} = \frac{3}{10} \quad \frac{?}{11} - \frac{3}{11} = \frac{5}{11} \quad \frac{9}{12} - \frac{?}{12} = \frac{5}{12} \quad \frac{8}{9} - \frac{?}{9} = \frac{4}{9}$$

3.  Natijalar nimaga teng? Qanday xulosaga keldingiz?

$$\frac{9}{12} \xrightarrow{-\frac{2}{12}} ? \quad \frac{?}{12} \xrightarrow{-\frac{3}{12}} ? \quad \frac{?}{12} \xrightarrow{-\frac{1}{12}} ? \quad \frac{9}{12} \xrightarrow{-\frac{6}{12}} ?$$

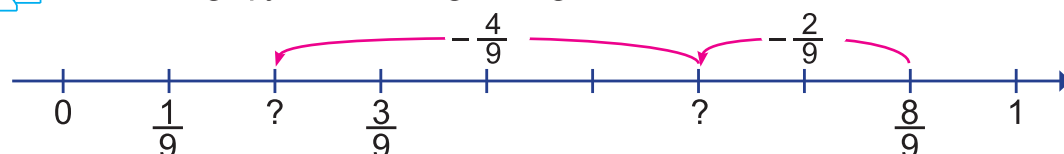
4.  Botir tutgan baliqlarning $\frac{3}{10}$ qismini Farhodga, $\frac{5}{10}$ qismini Muhammadga berdi. Botir baliqlarining qancha qismini do'stlariga berdi? Qancha qismi o'zida qoldi?

5.  Apelsinning nechta butun bo'lagi bor? Nechta butun nok bor?



6.  Maktab bog'ining $\frac{4}{12}$ qismiga gullar, $\frac{2}{12}$ qismiga kartoshka, $\frac{5}{12}$ qismiga pomidor ekildi. Bog'ning qancha qismiga ekin ekilmadi?

7.  Ifodaning qiymati nimaga teng?



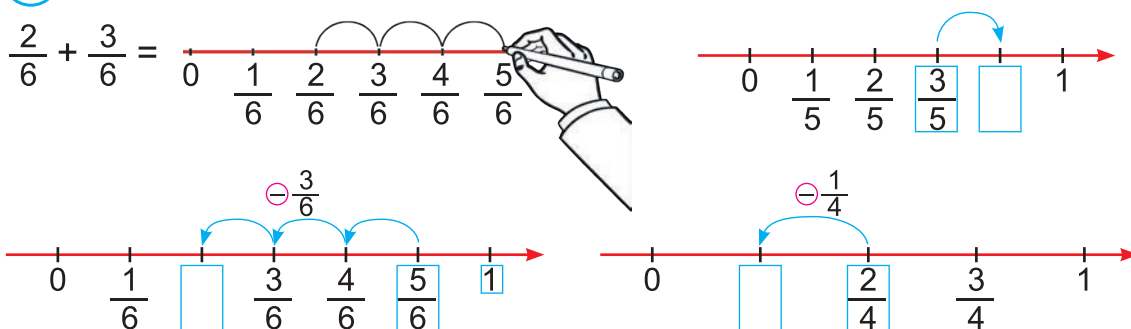
8.  Hisoblaymiz.

$$\frac{3}{7} - \frac{2}{7} \quad \frac{10}{12} - \frac{6}{12} \quad \frac{8}{11} + \frac{1}{11} \quad \frac{2}{4} - \frac{1}{4} \quad \frac{9}{12} + \frac{1}{12} \quad \frac{4}{5} - \frac{3}{5}$$

**4-bob.
10-dars**

Bir xil maxrajli kasrlarni qo'shish va ayirish

1.  Bo'sh kataklarni to'ldiramiz va xulosamizni aytamiz.



2.  Hisoblaymiz.

$$\frac{9}{11} - \frac{4}{11} + \frac{2}{11} \quad \frac{7}{9} - \frac{3}{9} + \frac{4}{9} \quad \frac{7}{8} + \frac{1}{8} - \frac{7}{8} \quad \frac{5}{6} - \frac{3}{6} + \frac{1}{6} \quad \frac{7}{12} + \frac{4}{12} - \frac{6}{12}$$

3.  Savollarga javob beramiz.



- Sabzi meva va sabzavotlarning qanday qismini tashkil qiladi?
- Ularning qancha qismi banan?
- Sabzavotlar qanday qismni tashkil qiladi?

4.  Namuna asosida hisoblaymiz.

$$\frac{3}{12} + \frac{9}{12} = \frac{12}{12} = 1$$

$$\frac{4}{7} + \frac{3}{7} \quad \frac{4}{9} + \frac{5}{9} \quad \frac{6}{12} + \frac{6}{12} \quad \frac{1}{5} + \frac{4}{5} \quad \frac{3}{8} + \frac{5}{8}$$

5.  O'rdaklar qator bo'lib suv ichishga ketayotgan edi. Ulardan biri oldinga qarab 17 ta boshni, ortiga qarab 42 ta panjani ko'rdi. Jami nechta o'rdak suv ichishga ketmoqda?

6.  Bo'sh kataklarni to'ldiramiz.

$$\frac{4}{5} - \frac{\square}{5} = \frac{1}{5} \quad \frac{\square}{6} - \frac{3}{6} = \frac{3}{6} \quad \frac{\square}{\square} - \frac{2}{4} = \frac{1}{4} \quad \frac{7}{12} - \frac{\square}{12} = \frac{2}{12}$$

7.  Shakllarga mos ifodalar tuzamiz va qiymatini topamiz.



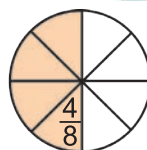
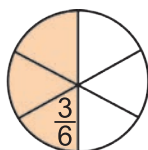
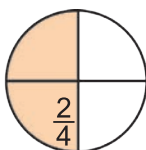
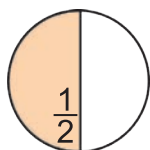
4-bob.
11-dars

Kasrlarni taqqoslash. Teng kasrlar



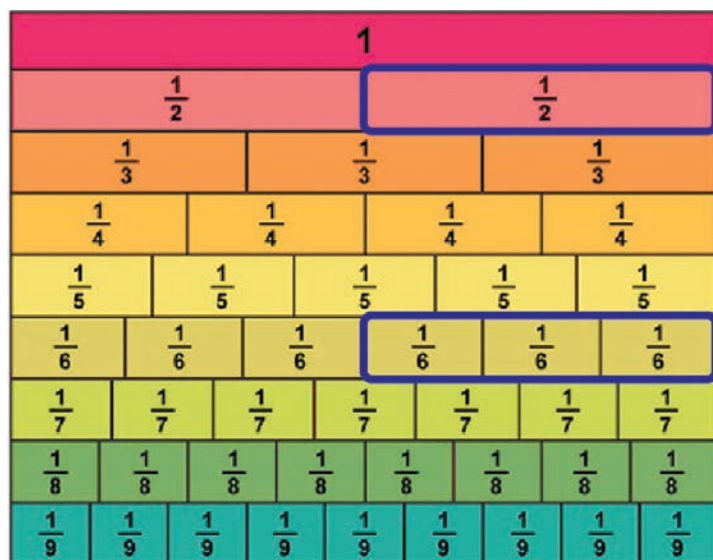
1. Berilgan kasrlar tengmi? Nima uchun?

Bular teng kasrlar.

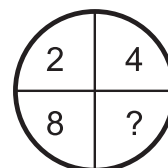
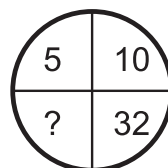
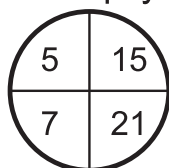
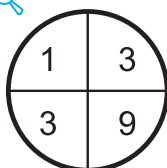


$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$$

2. Kasrlar devoridan foydalanib teng kasrlarni aniqlaymiz va yozamiz.



3. Noma'lum sonni aniqlaymiz.



4. Ziyoda 12 metrli tasmaning $\frac{1}{2}$ qismini, Diyora esa $\frac{2}{4}$ qismini qirqib oldi. Ular birgalikda tasmaning qancha qismini qirqib olishdi? Tasmaning qancha qismi qoldi?

5. Bo'sh kataklarni to'ldiramiz.

$$\frac{\square}{2} = \frac{6}{12}$$

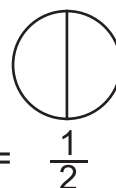
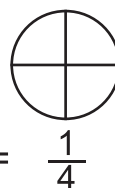
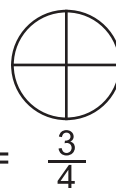
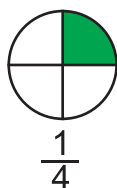
$$\frac{\square}{3} = \frac{2}{6}$$

$$\frac{\square}{2} = \frac{2}{4}$$

$$\frac{\square}{3} = \frac{6}{9}$$

$$\frac{3}{6} = \frac{1}{\square}$$

6. Shakllarni chizamiz va teng kasrlarni namunada ko'rsatilgandek bo'yaymiz.



$$\frac{1}{4} = \frac{2}{8}$$

$$\frac{6}{8} = \frac{3}{4}$$

$$\frac{2}{8} = \frac{1}{4}$$

$$\frac{4}{8} = \frac{1}{2}$$

4-bob.
12-dars

Kasrlarni taqqoslash



1. Maxrajleri bir xil bo'lgan kasrlarni taqqoslaymiz.

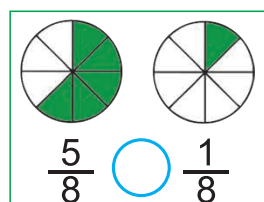
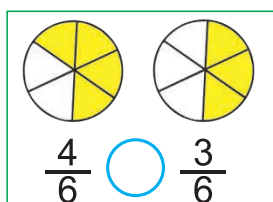
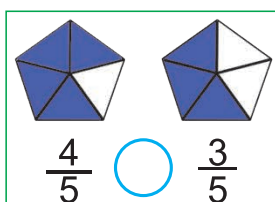
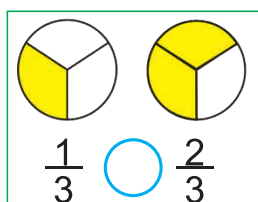
$\frac{4}{9}$ kichik $\frac{5}{9}$ chunki $4 < 5$, demak $\frac{4}{9} < \frac{5}{9}$



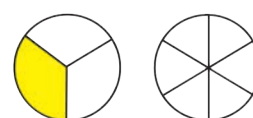
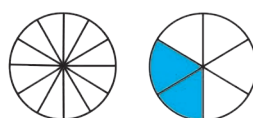
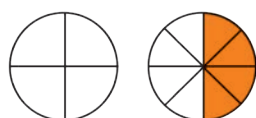
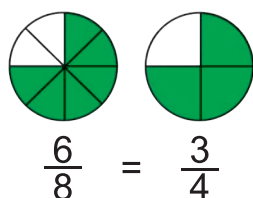
Maxrajleri
bir xil bo'lgan
kasrlarning suratilari
taqqoslanadi.



2. Modellar asosida taqqoslaymiz.



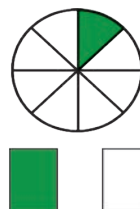
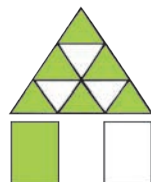
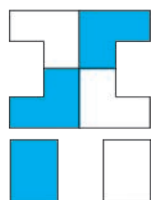
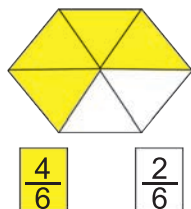
3. Doiralar chizamiz. Kasrlar teng bo'lishi uchun mos qismlarni bo'yab, teng kasrlar hosil qilamiz.



4. Taqqoslash to'g'ri bo'lishi uchun noma'lumlarni topamiz.

$\frac{3}{15} < \frac{?}{15}$ $\frac{2}{3} > \frac{?}{3}$ $\frac{?}{2} = \frac{1}{2}$ $\frac{2}{4} = \frac{?}{2}$ $\frac{?}{6} < \frac{3}{6}$

5. Butunning qismlarini taqqoslaymiz.



6. Kasrlarni taqqoslaymiz.

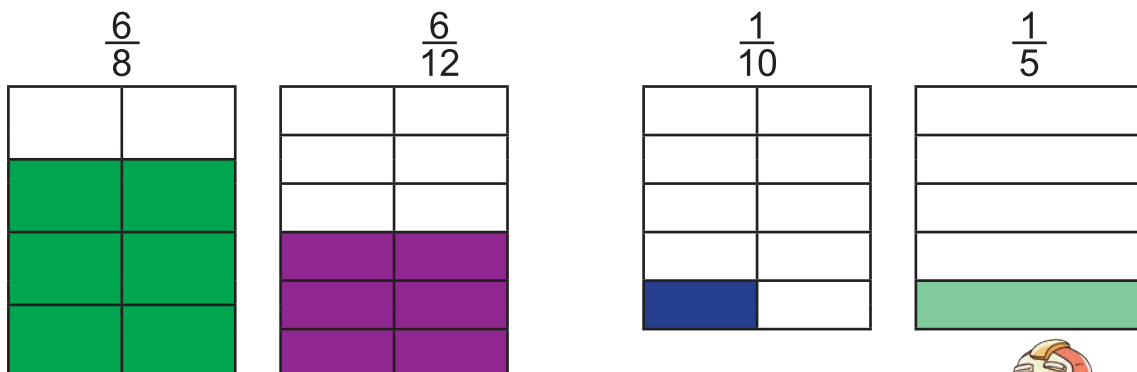
$\frac{2}{6} \square \frac{3}{6}$ $\frac{5}{8} \square \frac{6}{8}$ $\frac{1}{7} \square \frac{5}{7}$ $\frac{6}{9} \square \frac{7}{9}$ $\frac{5}{10} \square \frac{9}{10}$

4-bob.
13-dars

Kasrlarni taqqoslash



1. Suratlari bir xil bo'lgan kasrlarni taqqoslaymiz.



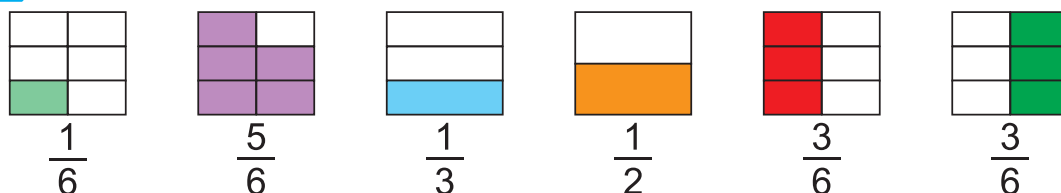
Surati bir xil, maxraji har xil bo'lgan kasrlarning maxrajlari taqqoslanadi.
Maxraji kichik kasr katta bo'ladi.

$$\frac{6}{8} > \frac{6}{12} \quad \frac{1}{10} < \frac{1}{5}$$



2. 6 ta olma bor edi. Eldor olmalarning $\frac{2}{6}$ qismini, Karim esa $\frac{3}{6}$ qismini yedi. Ular birgalikda jami olmalarning qancha qismini yedi?

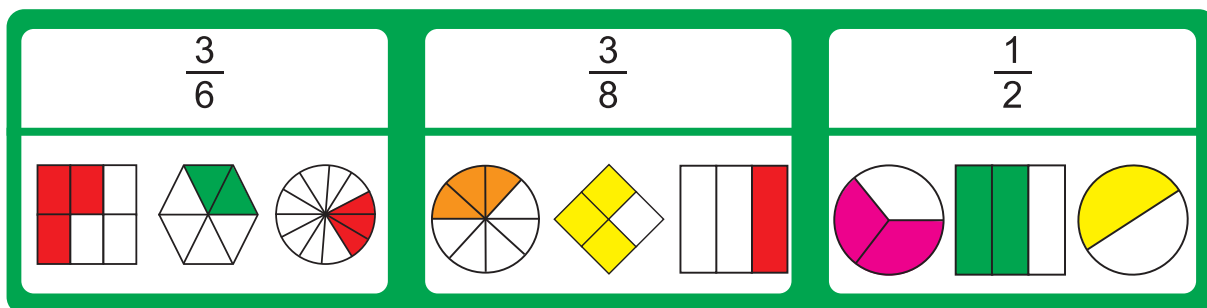
3. Model asosida kasrlarni taqqoslaymiz.



4. O'sib borish tartibida aytamiz. $\frac{5}{7}$; $\frac{2}{7}$; $\frac{7}{7}$; $\frac{6}{7}$; $\frac{4}{7}$; $\frac{1}{7}$; $\frac{3}{7}$

Kamayib borish tartibida aytamiz. $\frac{1}{2}$; $\frac{1}{8}$; $\frac{1}{4}$; $\frac{1}{3}$; $\frac{1}{6}$; $\frac{1}{5}$; $\frac{1}{7}$

5. Kasrlarga mos shakllarni aniqlaymiz va chizamiz.



6. Kasrlarni taqqoslaymiz.

$$\frac{1}{2} \square \frac{1}{2} \quad \frac{3}{8} \square \frac{5}{8} \quad \frac{5}{8} \square \frac{5}{7} \quad \frac{1}{10} \square \frac{4}{10} \quad \frac{4}{6} \square \frac{4}{8} \quad \frac{5}{12} \square \frac{9}{12}$$

5-BOB

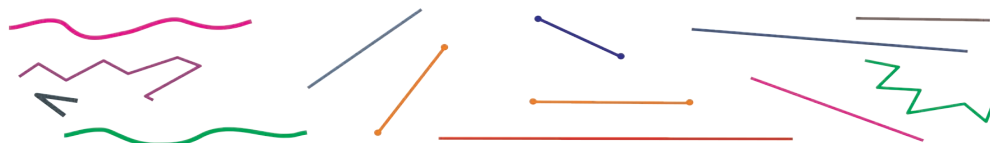
GEOMETRIK SHAKLLAR



5-bob.
1-dars

To'g'ri chiziq

1.  Chiziqlarni eslaymiz va nomlarini aytamiz. To'g'ri chiziqlarni daf-tarimizga chizamiz.



To'g'ri chiziq alifbodagi kichik harflar bilan belgi-lanadi. Bitta nuqtadan bir nechta to'g'ri chiziq o'tkazish mumkin.

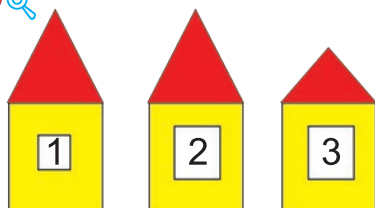


2.  Bir nuqtadan ikkita to'g'ri chiziq o'tkazib, turli burchaklar hosil qila-miz. Kimda qanday burchaklar hosil bo'ldi?

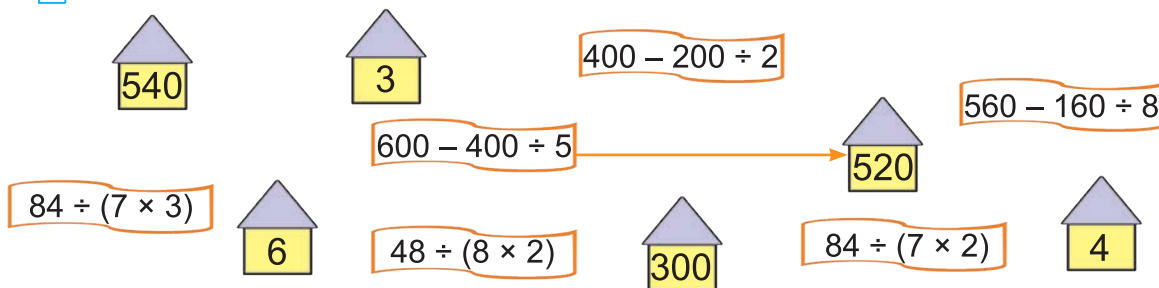
3.  Usta 4 m balandlikdagi devorni 3 kunda bitirdi. Birinchi kuni balandligi 1 m 45 cm, ikkinchi kuni balandligi 1 m 55 cm devor qurdi. Usta uchinchi kuni necha metr balandlikda devor qurgan?



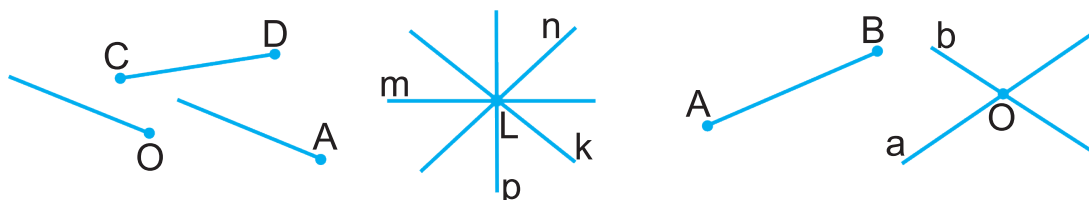
4.  Uchta shakl – uchburchak, oltiburchak va doira uchta uyda ya-shaydi: baland tomli, lekin kichik oynali; baland tomli va katta oynali; past tomli va katta oynali. Uchburchak va doira katta oynali uyda yashaydi, doira va oltiburchak baland tomli uyda yashaydi. Har bir shakl nechanchi uyda yashaydi?



5.  Hisoblaymiz. Ifodalarning qiymati qaysi uyga mos keladi?



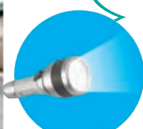
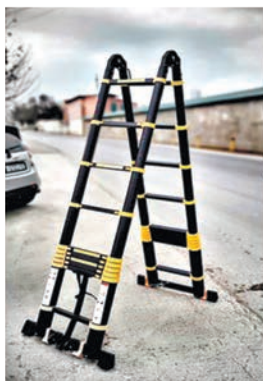
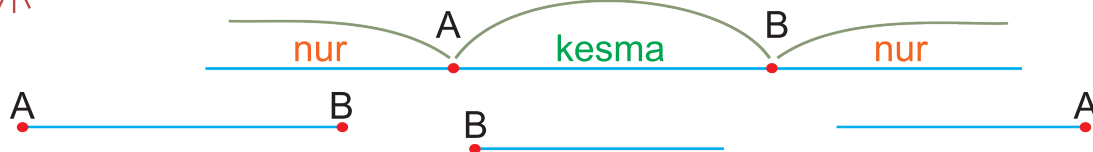
6.  To'g'ri chiziqlarni aniqlaymiz va chizamiz.



5-bob.
2-dars

Kesma. Nur

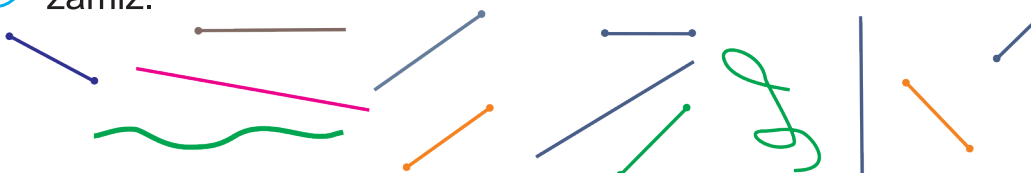
1.  To'g'ri chiziqdan nimalar hosil qilindi?



Kesma – ikki tomondan chegaralangan to'g'ri chiziq.
Nur – bir tomondan chegaralangan to'g'ri chiziq.

Yana nimalarda kesma va nurni ko'rishimiz mumkin?

2.  Berilgan chiziqlardan nur va kesmalarni aniqlaymiz va ularni chizamiz.



Mustaqil ravishda to'g'ri chiziqdan bitta nur hosil qila olasizmi?

3.  Kesmalarning uzunligini o'lchab, eng uzun va eng qisqasini daf-tarimizga chizamiz.



4.  Ra'no va ukasi har kuni ertalab 200 m uzunlikdagi yo'lakda yuguradi. Ra'no yo'lak bo'ylab besh marta, ukasi ikki marta yuguradi.

– Ra'no har kuni necha metr yuguradi? Ukasi-chi?
– Opa-ukalardan qaysi biri ko'p yuguradi?
Qanchaga ko'p?

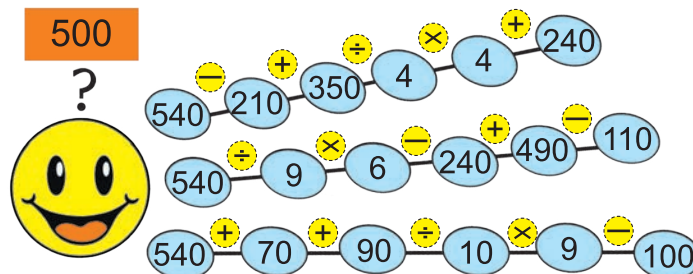


5. 



Kesmalar soni nechta?

6.  Bo'g'irsoq to'g'ri javobga borishi uchun yordam beramiz.



7.  Kesmalarining uzunligini topamiz. Ikkinchi kesma birinchi kesmadan necha marta uzun, uchinchi kesma bilan qancha farq bor?



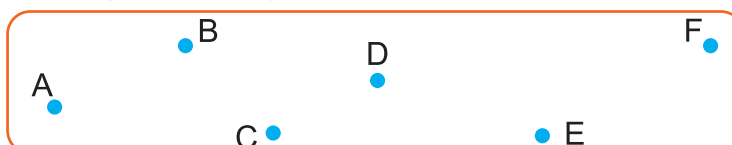
5-bob.
3-dars

To'g'ri chiziq, kesma, nur

1.  Berilgan kesmalarni o'zaro tutashtirish orqali qanday shakl hosil qilish mumkin? Uning perimetrini topamiz.



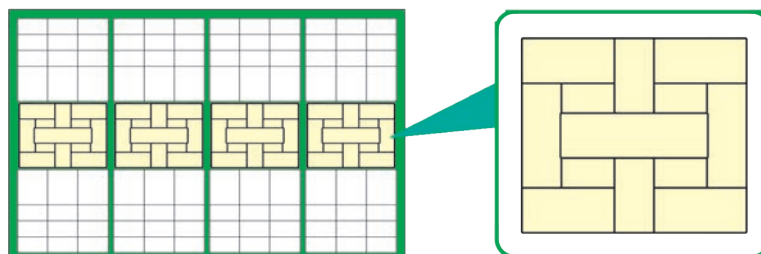
2.  Daftirimizga berilgan nuqtalarni belgilab, ularni ketma-ket birlashtiramiz. Qanday shakl hosil bo'ldi? Shakl nechta kesmadan iborat? Uning uzunligini o'lchay olamizmi?



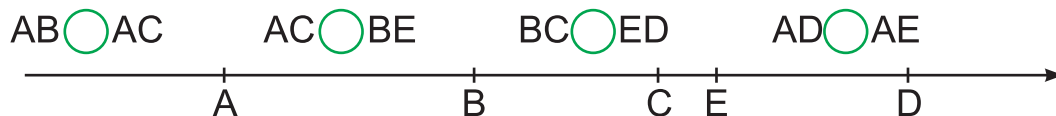
3.  3-sinf o'quvchilari bayram uchun sahnani mato bilan bezatdilar. 7 metrli matodan sahnaning old qismi uchun 430 cm kesib olindi, qolgan mato esa bezaklar uchun ishlatildi.
- Sahna bezaklari uchun necha santimetr mato ishlatilgan?
 - Old qismi uchun ishlatilgan mato bezaklar uchun ishlatilgan matodan necha santimetr ortiq?



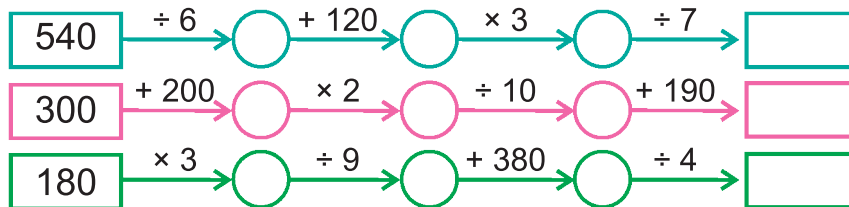
4.  Ajratib ko'rsatilgan shaklda nechta to'g'ri to'rtburchak bor?



5.  Sonlar nuridan foydalanib kesmalarni taqqoslaymiz. Eng katta kesmani chamalab ayta olamizmi? Nechta kesma hosil bo'lgan? Nurlar-chi?



6.  Hisoblaymiz.



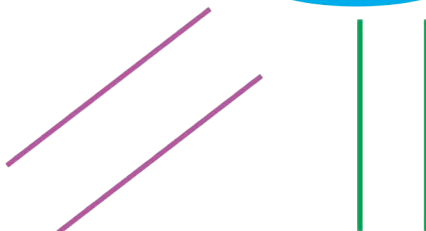
5-bob. 4-dars

Parallel to'g'ri chiziqlar

1.  Yugurish yo'lagidagi chiziqlarni xuddi shunday holda davom ettirsak, ular kesishadimi?



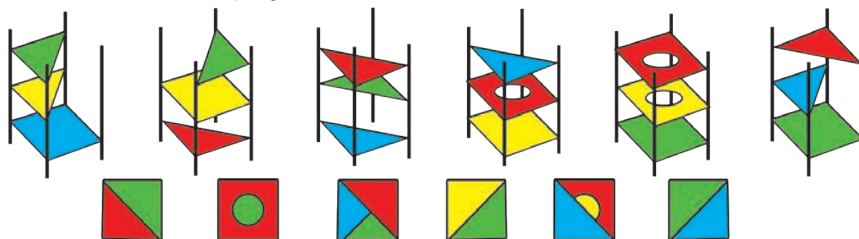
Bular – parallel to'g'ri chiziqlar.
Ular kesishmaydi.



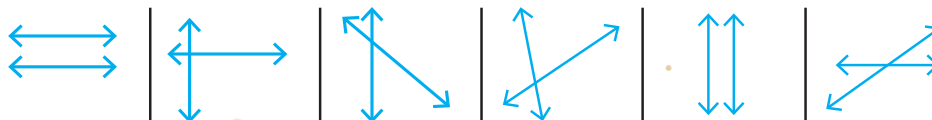
2.  Rasmlarda qanday chiziqlarni ko'ryapsiz? Yana qanday misollar keltira olasiz?



3.  Shakllarni parallel ravishda ustma-ust tushirganda hosil bo'ladi-gan tasvirni aniqlaymiz.

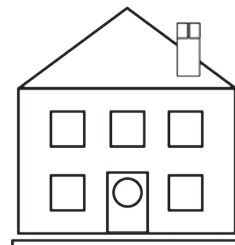


4.  Parallel to'g'ri chiziqlarni aniqlaymiz va chizamiz.



5.  Kvadrat va to'rtburchak chizamiz, ularning parallel tomonlarini aniqlaymiz. Perimetrini topamiz.

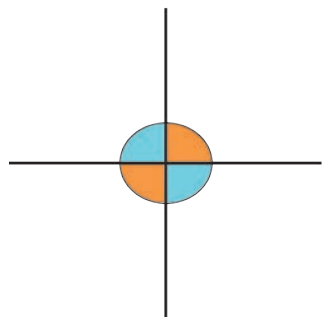
6.  Rasmdagi parallel chiziqlarni bir xil rangda chizamiz. Sizda nechta parallel chiziq hosil bo'ldi?



**5-bob.
5-dars**

Perpendikulyar to'g'ri chiziqlar

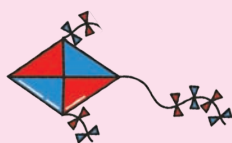
1. 



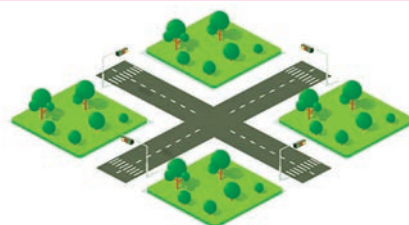
Bular – perpendikulyar to'g'ri chiziqlar. Ular to'g'ri burchak ostida kesishadi.



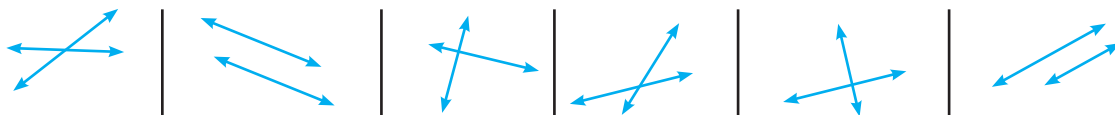
Yana nimalarda perpendikulyar chiziqlarni ko'rish mumkin?



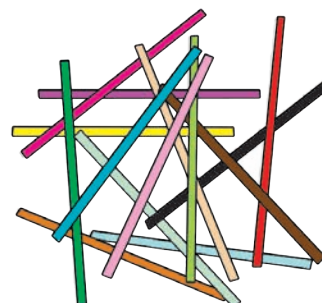
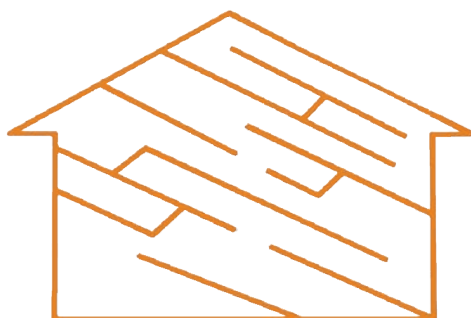
2.  Kvadrat shaklidagi bog'ning bir tomoni uzunligi 20 m. Bog' atrofining uzunligi necha metr? Jami 4 ta bog'ning perimetrini topamiz.



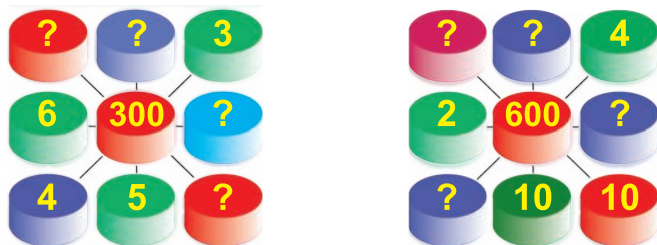
3.  Perpendikulyar to'g'ri chiziqlarni topamiz va chizamiz.



4.  Shakllarda nechtdan parallel va perpendikulyar chiziqlar bor?



5.  Perpendikulyar to'g'ri chiziqlar bo'ylab shunday sonlarni topingki, ularning ko'paytmasi markazdagi songa teng bo'lsin.



6.  Perpendikulyar to'g'ri chiziqlar tasvirlangan yo'l harakati belgisini aniqlaymiz va daftarimizga chizamiz.



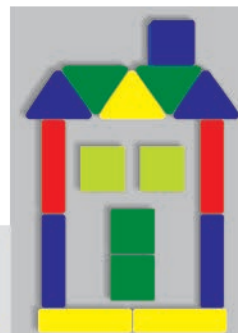
5-bob. 6-dars

Sodda va yassi shakllarni yasash

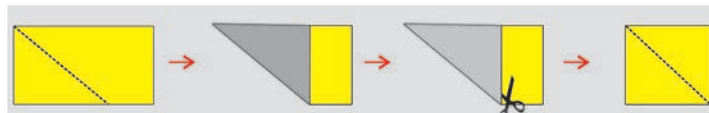
1.  Rasmdagi narsalarda qanday geometrik shakllarni ko'ryapsiz?



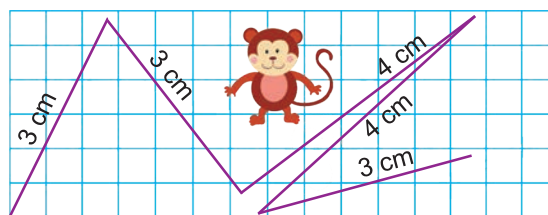
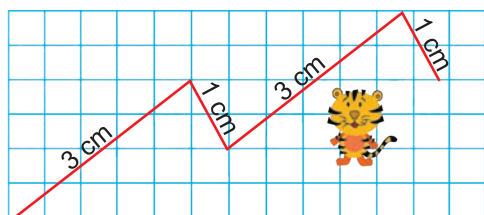
Ularni yana qayerlarda uchratishimiz mumkin?



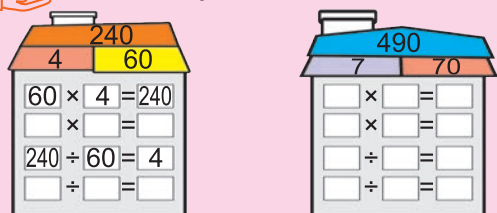
2.  Buklash va qirqish orqali turli shakllardan uycha yasaymiz.



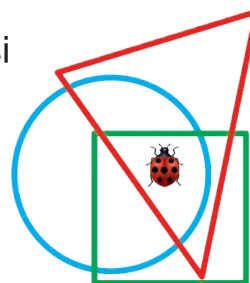
3.  Siniq chiziqlardan shakllar hosil qilamiz va ularning perimetrini topamiz.



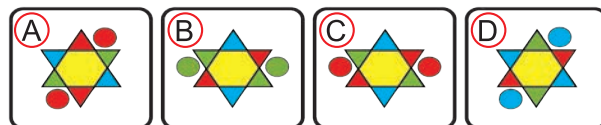
4.  Hisoblaymiz.



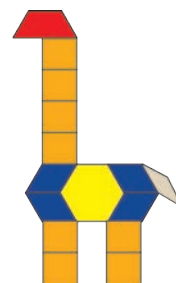
5.  Xonqizi qaysi shakl ichida tasvirlangan?



6.  Ketma-ketlik asosida keyingi shaklni aniqlaymiz.



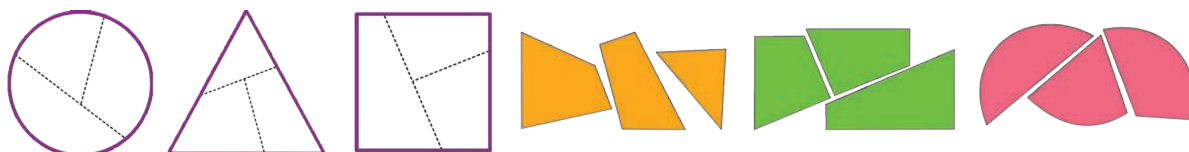
7.  Rangli qog'oz yordamida turli shakllardan jirafa yasaymiz.



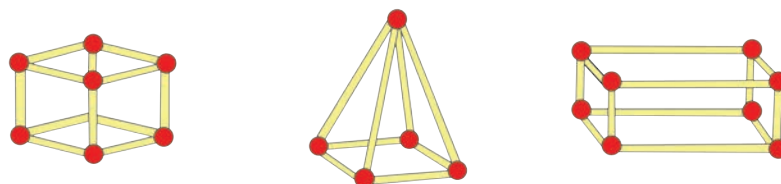
**5-bob.
7-dars**

Sodda va yassi shakllarni yasash

1.  Shakllarga mos qirqimlarni aniqlaymiz.



2.  Plastilin va sanoqcho'plar yordamida shakllarni yasaymiz.

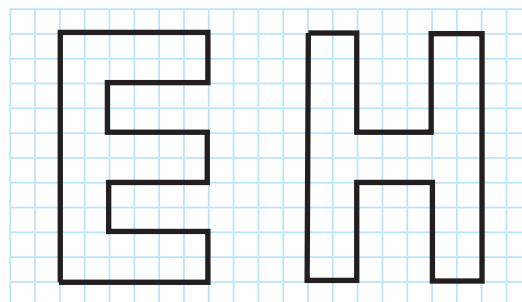


3. 

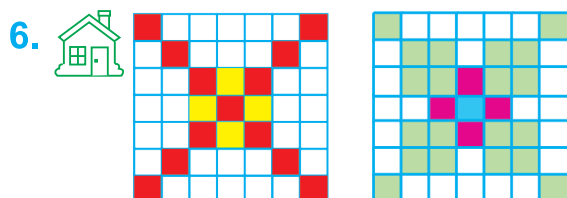


Ikkinchi bo'lib qaysi shakl joylashtirilgan?

4.  Sirkul yordamida radiusi 2 cm bo'lgan aylana va doira chizib, diametrini aniqlaymiz.



5.  Shakllarni chizib, kataklarni sanash orqali yuzini topamiz.

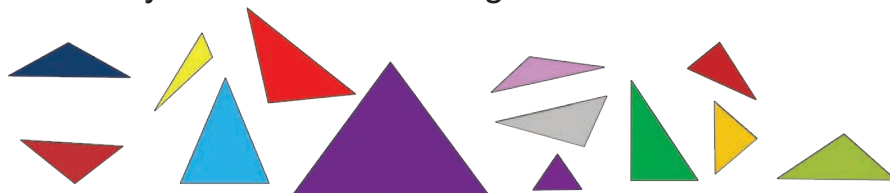


Shakllarning yuzini kataklarni sanab topamiz va chizamiz. Yana shunga o'xshash shakllarni mustaqil chiza olasizmi?

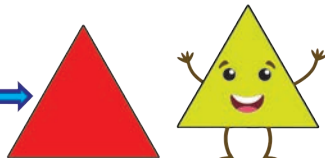
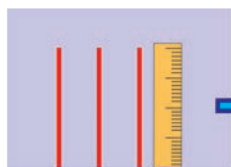
5-bob.
8-dars

Uchburchak turlari

1.  Rasmda nechta uchburchakni ko'ryapsiz? Ular nimasi bilan farq qiladi? Qaysi uchburchaklarning ko'rinishi bir xil?

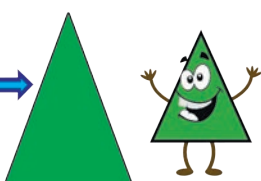
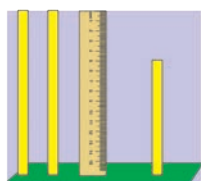


2.  Uchburchaklar qanday hosil qilindi?

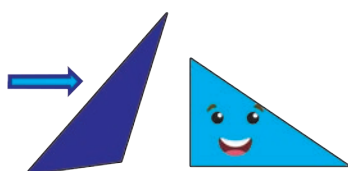
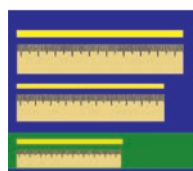


Men teng tomonli
uchburchakman.

Mening hamma tomonim teng.



Men teng yonli uchburchakman.
Mening ikkita tomonim teng.



Men turli tomonli
uchburchakman.

Mening tomonlarim turli xil.

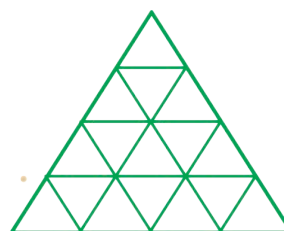
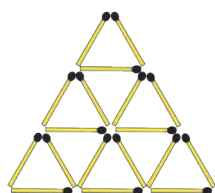
Yana nimalar teng tomonli, teng yonli va turli tomonli uchburchaklarga o'xshaydi?



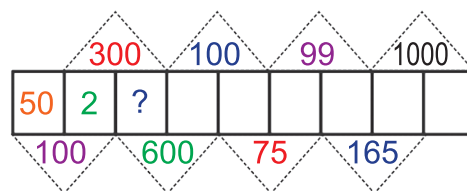
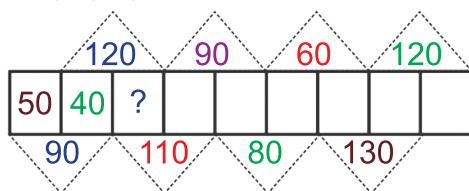
3.  Matodan asosi 8 cm bo'lgan teng yonli uchburchak shaklidagi quroqlar qirqib olindi. Ularning 4 tasidan kvadrat hosil qilindi. Agar bitta yostiq jildi uchun 10 ta shunday kvadrat kerak bo'lsa, yostiq jildining perimetrini topamiz.



4.  Shakllarda nechta uchburchak borligini gugurt cho'plari yordamida aniqlaymiz.



5.  Qo'shish va ko'paytirish amallari yordamida bo'sh kataklarni to'ldiramiz.



6.  Teng tomonli, teng yonli va turli tomonli uchburchaklar chizamiz va tomonlarini o'lchab, perimetrini topamiz.

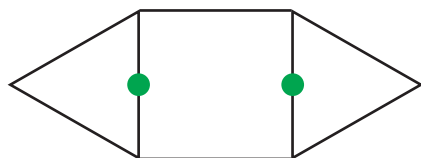
**5-bob.
9-dars**

Uchburchak turlari

1.  Rasmlarda nechtdan uchburchak borligini aniqlaymiz va taqqoslaymiz.



2. 



Berilgan shakl kvadrat va teng tomonli uchburchaklardan iborat. Agar kvadratning perimetri 124 cm bo'lsa, shaklning perimetri nimaga teng?

3. 

Rangli qog'ozlardan uchburchaklar qirqib, ulardan to'rtburchaklar yasaymiz.

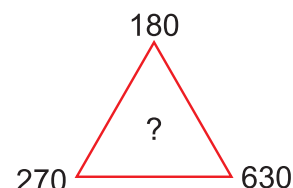
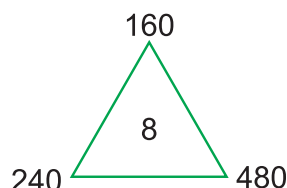
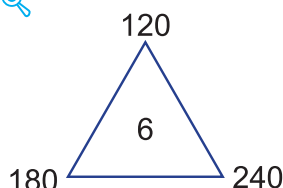


Yana qanday uchburchak shaklidagi narsalardan to'rtburchak hosil qilishimiz mumkin?



4. 

Noma'lum sonni topamiz.



5. 

Tenglik hosil qilamiz.

$$120 \text{ cm} = \square \text{ m } \square \text{ cm}$$

$$456 \text{ cm} = \square \text{ m } \square \text{ dm } \square \text{ cm}$$

$$999 \text{ dm} = \square \text{ m } \square \text{ cm}$$

$$230 \text{ dm} = \square \text{ m}$$

$$75 \text{ m} = \square \text{ dm}$$

$$381 \text{ cm} = \square \text{ dm } \square \text{ cm}$$

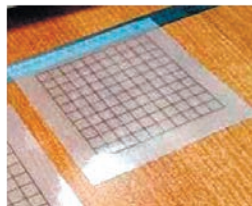
-
- A diagram showing a large green rectangle. Four green arrows are positioned around the rectangle, pointing in a clockwise direction: one above the top edge pointing right, one to the right of the right edge pointing down, one below the bottom edge pointing left, and one to the left of the left edge pointing up.

Shakllar yuzini paletka yordamida o'lchash

-
- Diagram illustrating the conversion of a 2x3 grid of blue squares to a 1x6 grid of blue squares. A red arrow points from the 2x3 grid to the 1x6 grid. The 1x6 grid is labeled with '1 cm' for its height and '6' for its length.

A cartoon character with a yellow head, orange hair, and a pink and yellow body, pointing towards the letter 'la' in the text 'la' above it.

- | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| | | | 3 | 4 | 5 | 6 | | | |
| | 1 | 2 | 1 | 2 | 3 | 4 | 7 | 8 | |
| 24 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 9 |
| 23 | 22 | 13 | 14 | 15 | 16 | 17 | 18 | 11 | 10 |
| | 21 | 20 | 19 | 19 | 20 | 14 | 13 | 12 | |
| | | | 18 | 17 | 16 | 15 | | | |



– Natijalarni qo‘shamiz: $20 + 12 = \boxed{}$.

-

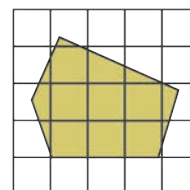
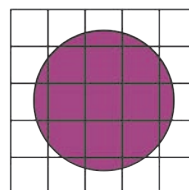
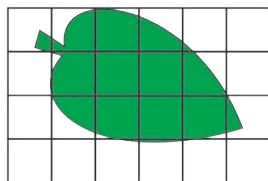
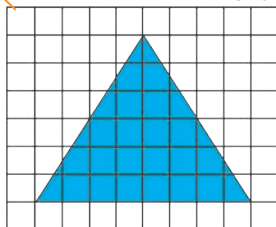
-
- A diagram of a triangular network. It consists of three circular nodes arranged in a triangle, connected by three square nodes. The square nodes are positioned on each of the three edges of the triangle, forming a smaller triangle inside the larger one. All nodes are interconnected by straight lines.

-

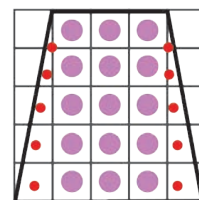
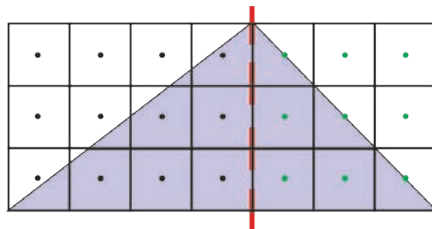
**5-bob.
11-dars**

Shakllar yuzini paletka yordamida o'lchash

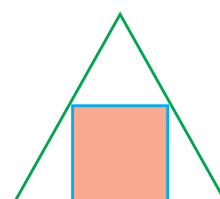
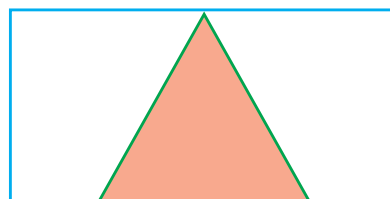
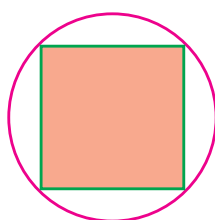
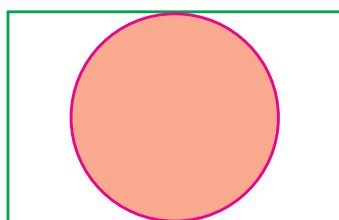
1.  Shakllarning yuzini topamiz va taqqoslaymiz.



2.  Shakllarning yuzini hisoblaymiz. Xuddi shunday 3 ta uchburchakning hamda 2 ta to'rtburchakning yuzi qanchaga farq qiladi?



3.  Berilgan shakllarni bo'yalmagan qismlari yuzlarini paletka yordamida hisoblaymiz va taqqoslaymiz.

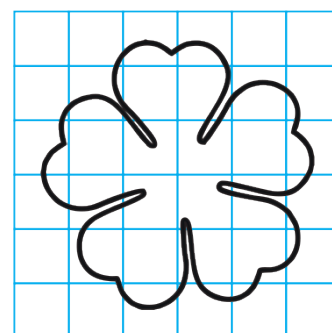
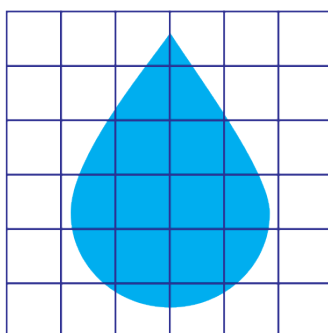
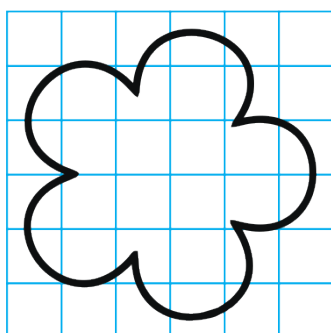


4.  4 ta 4 raqami, arifmetik amallar va qavslar yordamida shunday ifodalar tuzingki, ularning natijasi 1 dan 9 gacha bo'lgan sonlarga teng bo'lsin.



5.  Bolalar xonasining poli kvadrat shaklidagi gilamchalar bilan qoplangan. Uni to'ldirish uchun yana nechta gilamcha kerak?

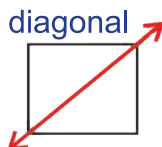
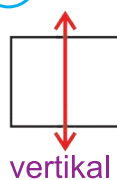
6.  Shakllarni chizamiz va paletka yordamida yuzini hisoblaymiz.



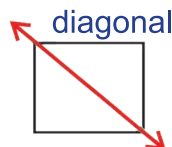
5-bob.
12-dars

O'qqa nisbatan simmetriya

1.  Eslaymiz.



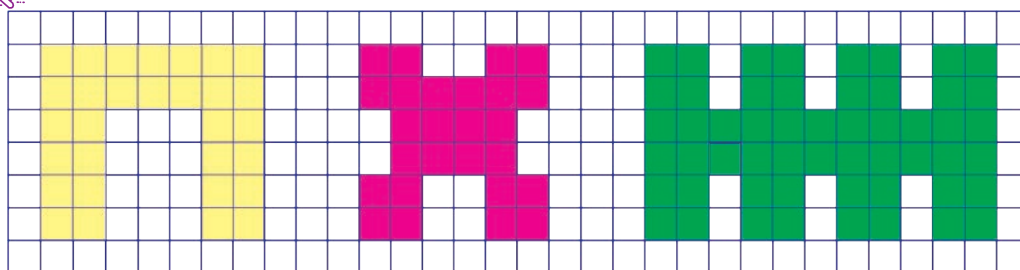
Simmetriya o'qlari qanday nomlanishini bilasizmi?



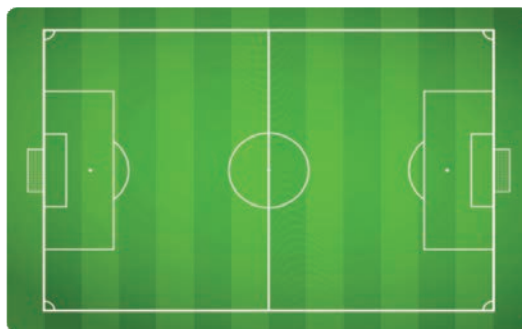
Narsalardan nechta simmetriya o'qini o'tkazish mumkin?



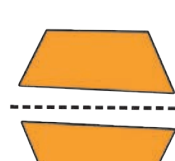
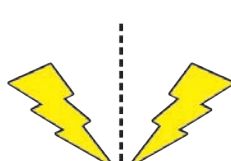
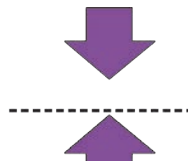
2.  Shakllardagi simmetriya o'qlarini aniqlaymiz va chizamiz.



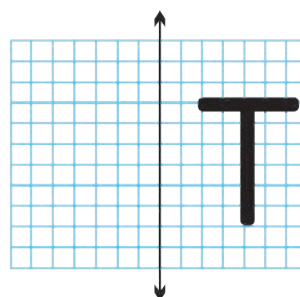
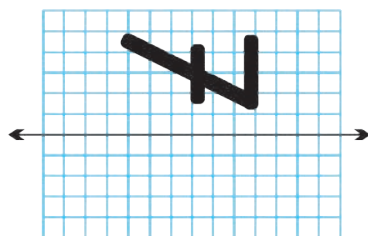
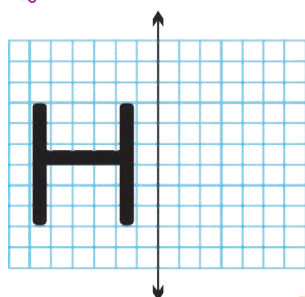
3.  Futbol maydonining eni 45 metr, uzunligi 90 metr bo'lsa, maydondan gorizontal o'tgan simmetriya o'qi vertikal simmetriya o'qiga nisbatan necha marta katta bo'ladi? Bu maydondan diagonal simmetriya o'qini o'tkazish mumkinmi?



4.  Ko'zguda to'g'ri aks etgan shakllarni aniqlaymiz.



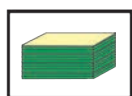
5.  Simmetrik shakllarni chizamiz.



6.  Qiymati teng bo'lgan narsalarning simmetrikligini aniqlaymiz.



$$250 \div 5$$



$$147 + 324$$



$$96 \div 16$$



$$500 \times 1$$



$$567 - 189$$



$$320 \div 4$$



$$480 \div 6$$



$$629 - 436$$



$$50 \times 10$$



$$125 + 457$$

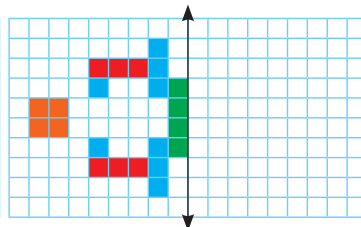
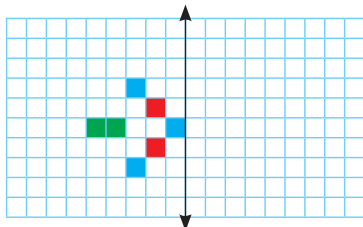
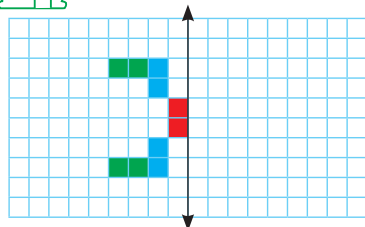


$$34 \div 17$$



$$326 \times 3$$

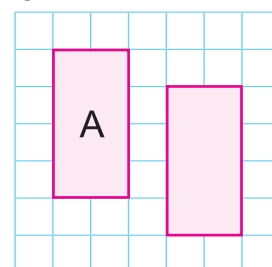
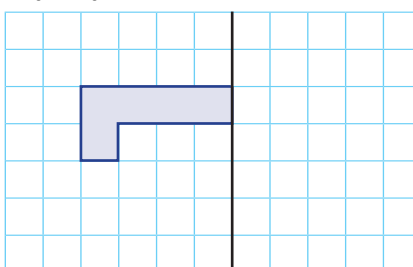
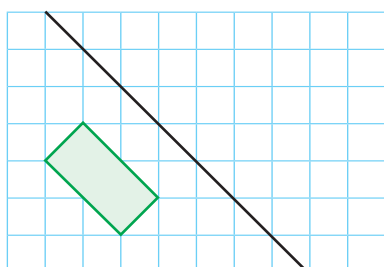
7.  Simmetrik shakllarni chizamiz.



5-bob. 13-dars

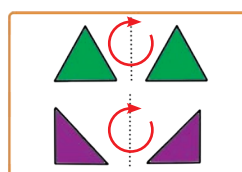
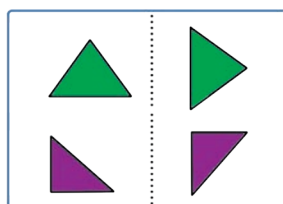
Shakllarni burish, siljitish, aylantirish

1.  O'qlarga nisbatan shakllarning simmetrik tasvirini ko'rsatamiz. A shakl qancha va qaysi yo'nalishda harakatlangan?



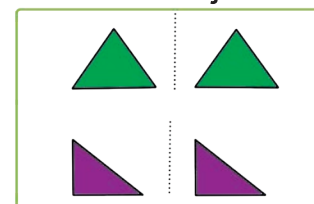
2.  Harakatlarni eslab qolamiz.

Shakllar burildi.



Shakllar aylantirildi.

Shakllar siljitildi.



3.  Shaklning harakatlari qanday ma'noni anglatyapti?

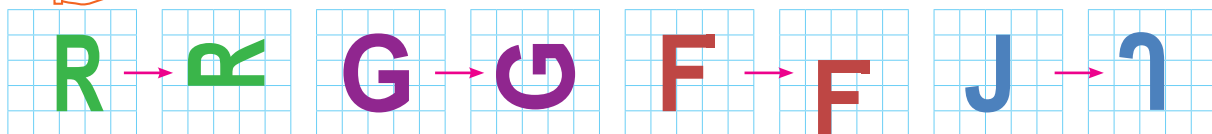


4.  Shakllarning keyingi holatlarini aniqlaymiz.



5.  Bobur uyidan chiqib, 27 m to'g'riga, 32 m chapga, 16 m o'ngga va 12 m chapga yurgach, maktabga keladi. Farhod esa uyidan 45 m chapga, 18 m o'ngga, 23 m chapga va yana 15 m chapga yurib maktabga keladi. Ulardan qaysi biri ko'p masofani va burilishlarni bosib o'tadi?

6.  Tasvirlar qanday harakatlardan hosil bo'lyapti?



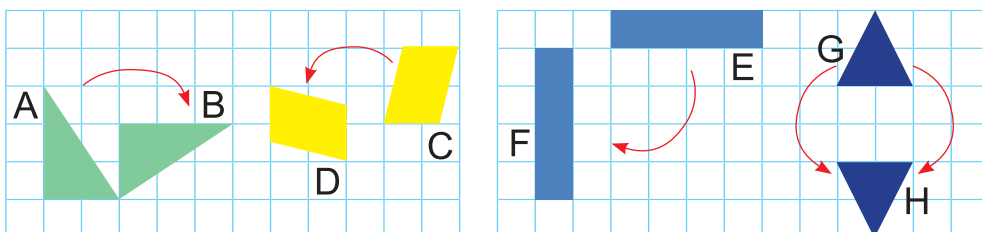
7.  Har bir shaklning keyingi va oltinchi burilishdagi holatini chizamiz.



5-bob. 14-dars

Shakllarni burish, siljitish, aylantirish

1.  Shakllar qanday harakat natijasida keyingi holatga o'tdi?

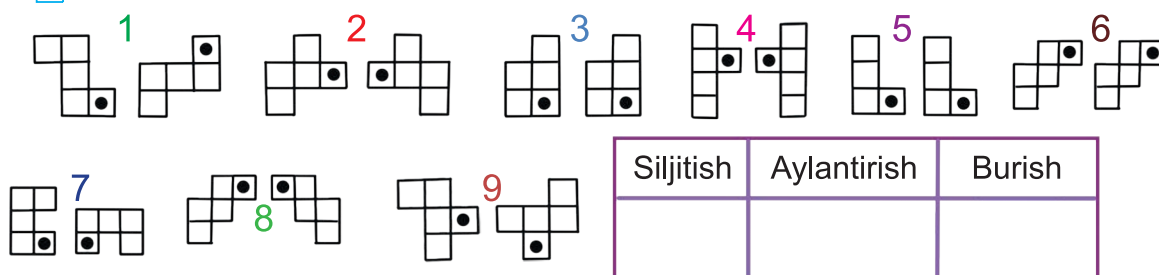


Shakllarning uchinchi burilishdagi holatini aytib bera olasizmi?

2.  Namuna asosida shaklni siljitamiz, aylantiramiz, buramiz.



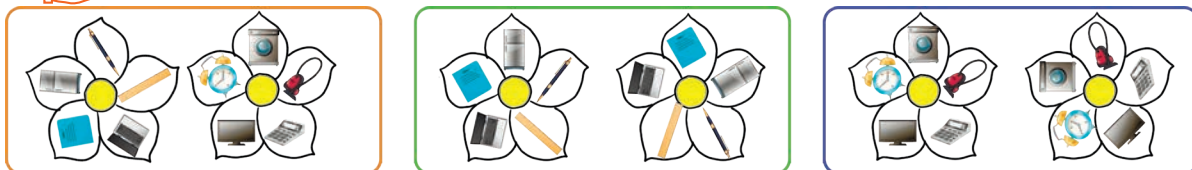
3.  Raqamlarga mos holatlarni aniqlaymiz va jadvalga yozamiz.



4.  Hisoblaymiz, natijalarni o'sish tartibida joylashtiramiz.

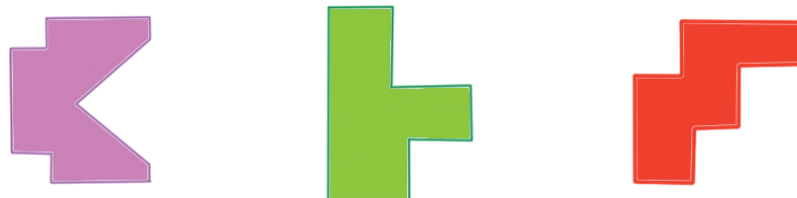
740	433	548	125	430	230
- 579	+ 377	- 269	+ 168	- 207	- 178
					

5.  Har bir gulning harakati qanday o'zgargan?



Dastlabki ko'rinish hosil bo'lishi uchun rasmni necha marta buramiz?

6.  Shakllarni chizib, buramiz, siljitamiz va aylantiramiz.



**5-bob.
15-dars**

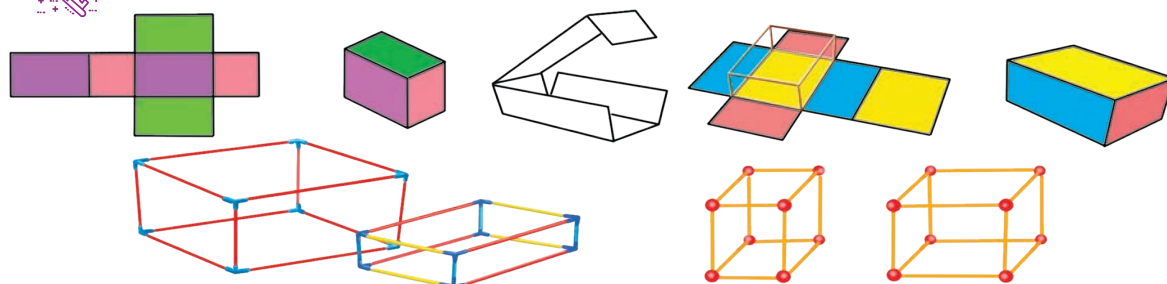
Fazoviy geometrik shakllar

1. 

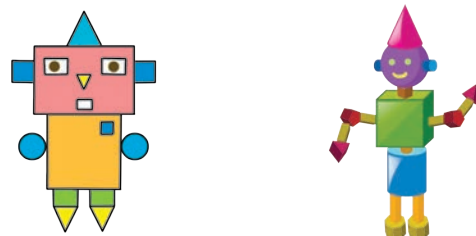
Bu – kuboid, ya'ni to'g'ri burchakli parallelepiped.
Yana nimalar kuboidga o'xshaydi?



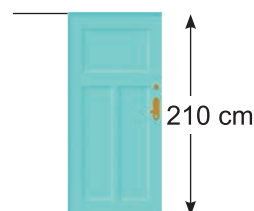
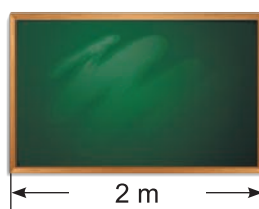
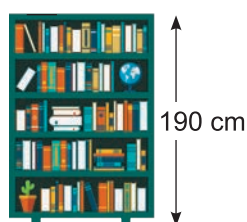
2.  Kuboid qanday yasalishini bilasizmi?



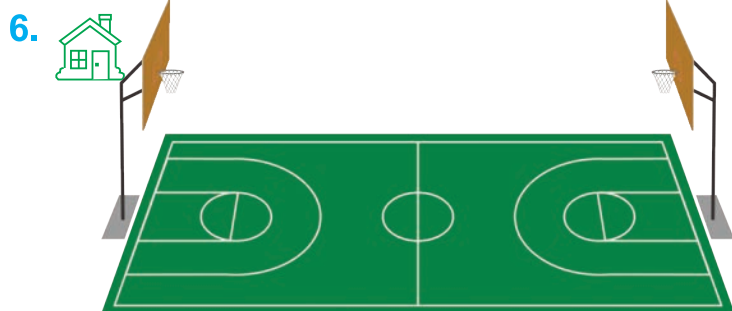
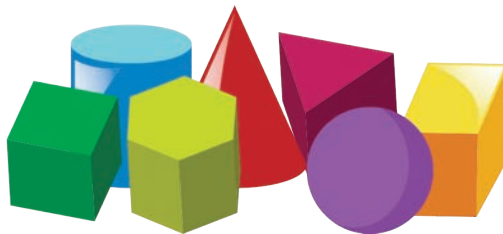
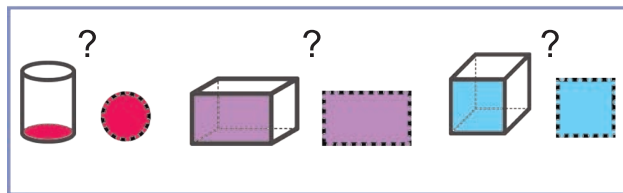
3.  Robotlarni yasashda qanday shakllardan foydalanilgan?



4.  Rasmda ko'rsatilgan buyum-larning eni bo'yidan 2 marta qisqa bo'lsa, ularning perimetrini topamiz.



5.  Fazoviy shakllarga turli tomondan qaraganda qanday yassi shakl-ni ko'ramiz?



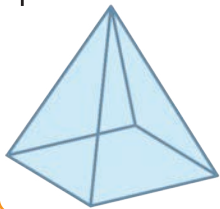
To'g'ri burchakli basketbol maydonining uzun tomoni 28 m, qisqa tomoni 15 m. Bu maydonning perimetrini qanday topish mumkin?

5-bob. 16-dars

Fazoviy geometrik shakllar

1. 

Men
piramidaman.

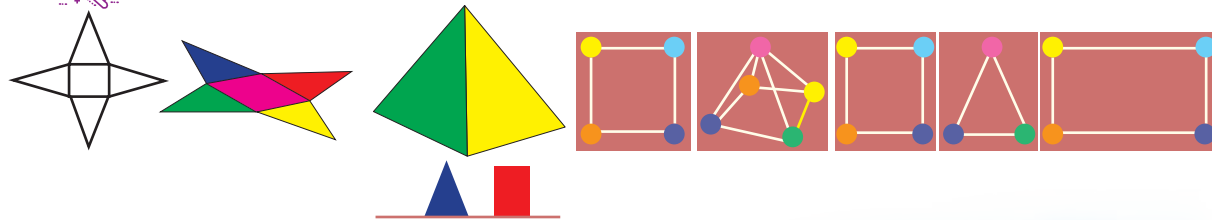


Yana nimalar
piramidaga
o'xshaydi?



2. 

Piramida qanday yasalishini bilasizmi? Birgalikda yasaymiz.

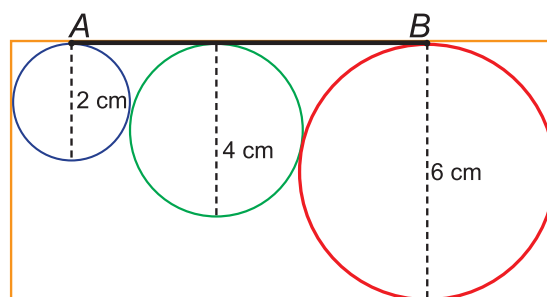


3. 

Sayohatchilar tog' etagida kichik va katta chodirlar o'rnatishdi. Agar kichik chodirlarning har birida 6 tadan, katta chodirda esa undan 2 marta ko'p sayyoh joylashgan bo'lsa, jami nechta sayohatchi tog' etagida dam olishga chiqqan?



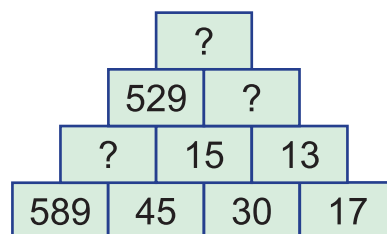
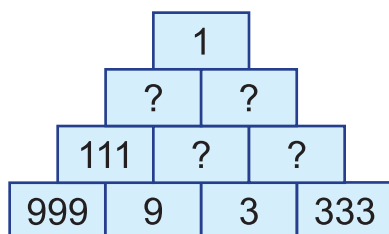
4.  Aylanalarni chizamiz va AB kesmaning uzunligini topamiz.



5.  Ko'paytmalarni topamiz.

$$\begin{array}{r} 315 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 327 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 292 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 162 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 385 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 276 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 416 \\ \times 2 \\ \hline \end{array}$$

6.  Hisoblaymiz.



5-bob. 17-dars

Fazoviy geometrik shakllar

1.  Berilgan shakllarning nomini aytamiz. Ular qanday shakllar? Ularning tomonlari qanday shakllardan iborat? Kuboid qanday shakllardan hosil bo'ladi? Silindr va piramida-chi?



2.  Narsalar qaysi fazoviy shaklga mos keladi?



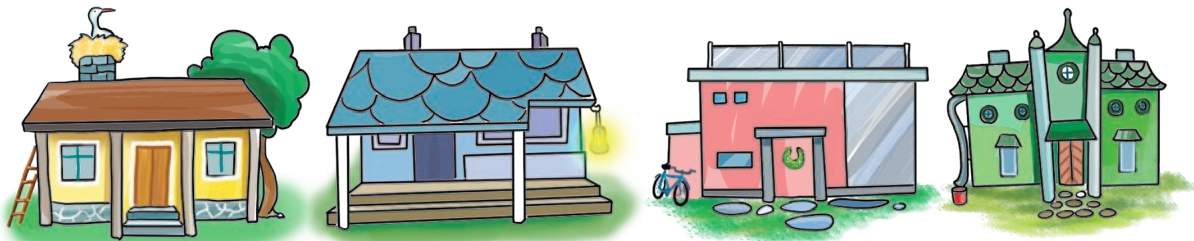
- Hamma tomoni kvadratlardan tashkil topgan shakl nima deb ataladi?
- O'yinchoqning tomonini tashkil etgan shakl qanday nomlanadi?
- Muzqaymoq va o'yinchoq shakllarida qanday o'xshashlik bor?
- G'isht va kubning-chi?

3.  Hisoblaymiz. Qaysi koptok darvoza to'ridan joy oladi?

Hisoblaymiz. Qaysi koptok darvoza to'ridan joy oladi?

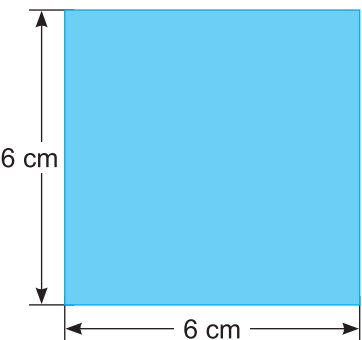


4. Bolalarning uylari va sevimli mashg'ulotlarini topamiz.



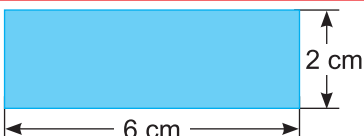
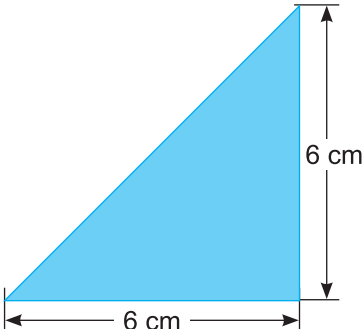
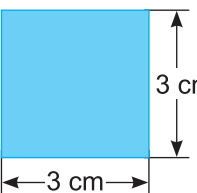
- Komila – atletikachi, u yugurish bilan shug'ullanadi.
- Basketbolchi va xokkeychi qo'shni emas.
- Basketbolchi ko'k uyda yashaydi.
- Alisher atletikachining yonida yashaydi.
- Oygiz qizil va sariq uylar orasida yashaydi.
- Malika ko'k uyning yonida yashaydi.
- Atletikachi qizil uyda yashaydi.
- Oygizning qo'shnisi suzishga qatnaydi.

5. Ma'lumotlardan foydalanib kvadratni qoplashi mumkin bo'lgan shakllar sonini aniqlaymiz.



6 cm

6 cm

Shakllar	Shu shakldan nechta ishlatiladi?
 6 cm 2 cm	
 6 cm 6 cm	
 3 cm 3 cm	

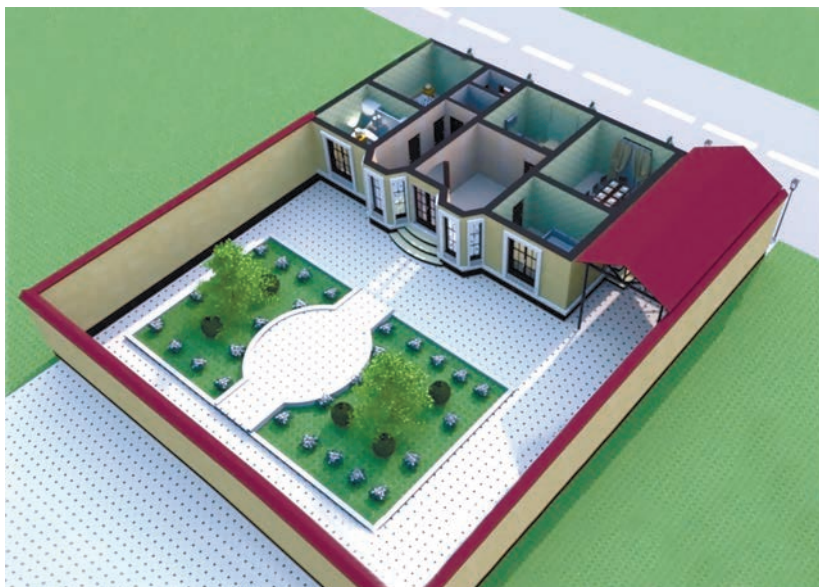
6. Uyimizdagi ko'rinishi kuboid, piramida va konusga o'xshash buyumlarni aniqlab yozamiz hamda rasmini chizamiz.

**5-bob.
18-dars**

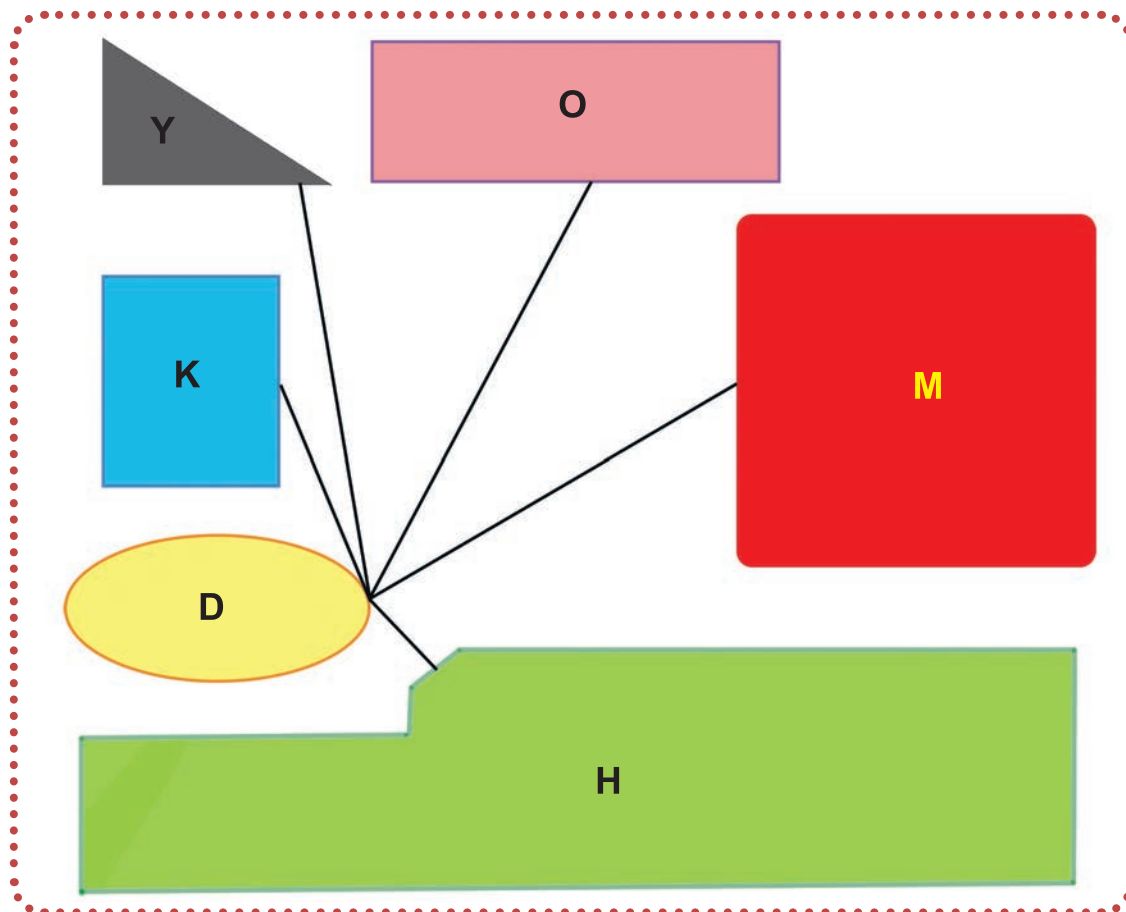
Fazoviy geometrik shakllar. STEM topshiriq



Uyimizdagi darsxonamizga nisbatan boshqa xonalarning (oshxona, mehmonxona, dahliz, yuvinish xonasi, yotoqxona) joylashuvini aks ettiruvchi chizma, grafik chizamiz. Har bir xonani ixtiyoriy ranglar bilan bo'yaymiz va kelajak tasavvurlarimizni aks ettiramiz.



D – **darsxona**
K – **kutubxona**
Y – **yuvinish xonasi**
O – **oshxona**
M – **mehmonxona**
H – **hovli**



120

Ayting-chi, nima uchun mehmonxona qizil rangda?
Siz uning qanday rangda bo'lishini xohlar edingiz?

6-BOB

O'LCHOV BIRLIKLARI

Pul

so'm

Soat

h

Millimetr

mm

Metr

m

Kilogramm

kg

Santimetr

cm

Kilometr

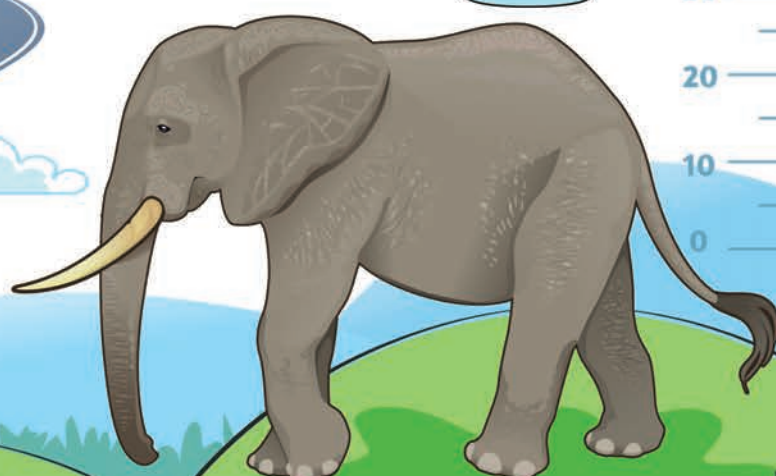
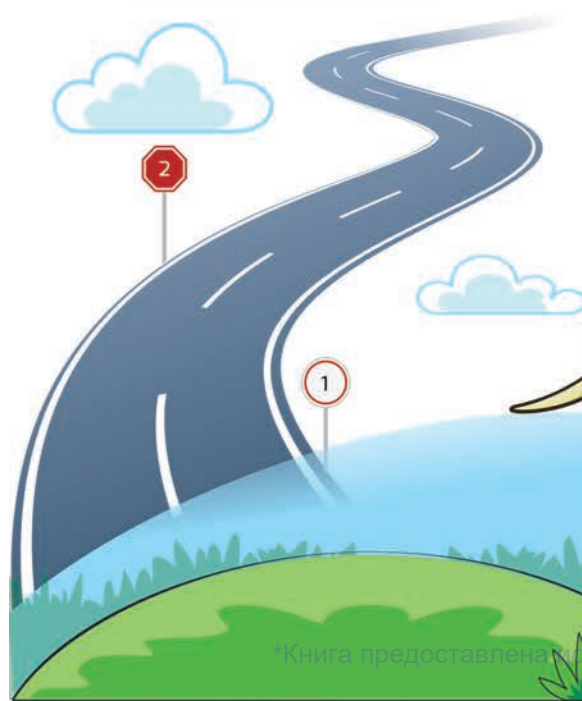
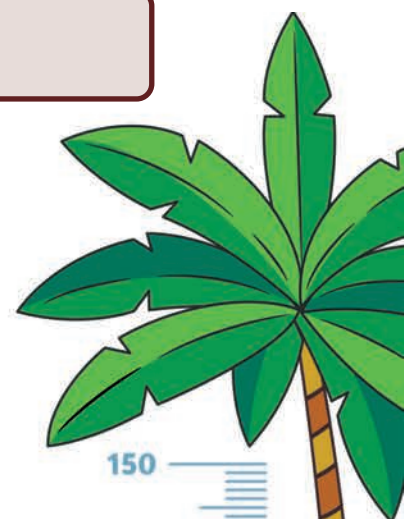
km

Litr

L

Gramm

g



6-bob.
1-dars

Uzunlik o'lchov birliklari

1.  Bu narsalarni qanday uzunlik o'lchov birliklari yordamida o'lchaymiz?



2.  Tenglik hosil qilamiz.

$3 \text{ m} = \square \text{ dm}$

$5 \text{ m } 6 \text{ dm} = \square \text{ cm}$

$800 \text{ dm} = \square \text{ m}$

$6 \text{ m} = \square \text{ dm}$

$2 \text{ m } 5 \text{ dm} = \square \text{ cm}$

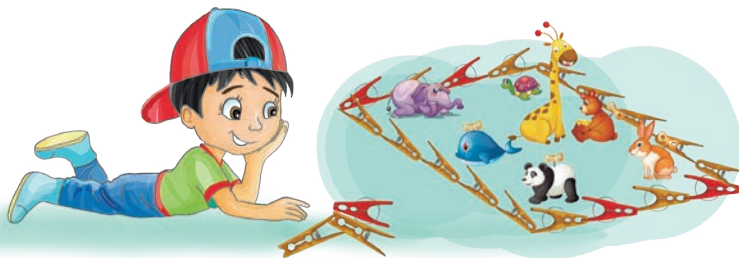
$900 \text{ dm} = \square \text{ m}$

3.  Xazina izlovchiga xazinani topishda yordam beramiz. Xaritada xazina minoradan 6 cm uzoqlikda, daraxtdan 5 cm uzoqlikdagi qoya ostida joylashgan. Xazinaga borish yo'liga teng bo'lgan kesmalarni chizamiz.



4.  60 m arqonni 5 m dan bo'laklash uchun necha marta qirqish kerak?

5.  Shokir o'zining o'yinchoqlari uchun kichik hayvonot bog'i yasadi. Hayvonot bog'i to'sig'ini qistirgich bilan o'lchadi. Agar bitta qistirgich 2 cm uzunlikda bo'lsa, har bir tomon uzunligi necha santimetrga teng? To'siqning perimetrini detsimetr va santimetrlarda ifodalaymiz.



6.  Oila a'zolarimizning bo'yini aniqlaymiz. Ma'lumotlarni jadvalda ifodalaymiz.

Oila a'zolari	Bo'yi	Eng baland	Eng past	
Men	105 cm	—		
Otam				

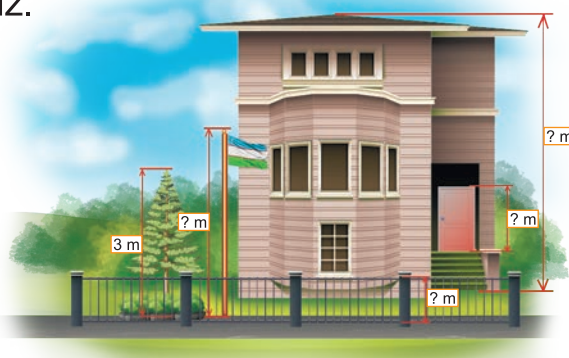
Ayting-chi, kimning bo'yi eng past bo'yli oila a'zosiga nisbatan balandroq?
Eng baland va eng past bo'ylar orasidagi farq qancha?

**6-bob.
2-dars**

Uzunlik o'lchov birliklari

1.  Uzunliklarni chamalab topamiz.

- Uyning balandligi m
- Bayroqning balandligi m
- Daraxtning balandligi m
- Eshikning balandligi m
- To'siqning balandligi m
- Nimaning uzunligi eshikdan baland, bayroqdan past?



2.  Chamalaymiz va o'lchaymiz.

	Chamalaganda	Aniq o'lchov		Chamalaganda	Aniq o'lchov
	___ cm	___ cm		___ cm	___ cm
	___ cm	___ cm		___ cm	___ cm
	___ cm	___ cm		___ cm	___ cm

3.  Hisoblaymiz.

$$3 \text{ cm } 2 \text{ mm} + 5 \text{ cm } 19 \text{ mm}$$

$$7 \text{ cm } 1 \text{ mm} - 2 \text{ cm } 43 \text{ mm}$$

$$13 \text{ dm} + 97 \text{ dm}$$

$$4 \text{ cm } 93 \text{ mm} - 2 \text{ cm } 17 \text{ mm}$$

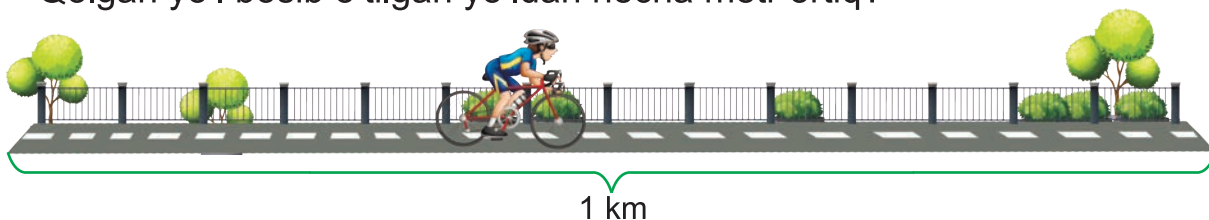
$$2 \text{ dm } 5 \text{ cm} + 7 \text{ dm } 7 \text{ cm}$$

$$23 \text{ cm } 7 \text{ mm} + 76 \text{ cm } 3 \text{ mm}$$

4.  Yugurish musobaqasida olti ishtirokchi bir-biridan 10 m uzoqlikda. Birinchi va oltinchi ishtirokchining orasidagi masofa necha metr?

5.  Poygachi 1 km yo'lining 473 m masofasini bosib o'tdi.

- Poygachi marraga yetib borishi uchun yana necha metr yo'l bosib o'tishi kerak?
- Qolgan yo'l bosib o'tilgan yo'ldan necha metr ortiq?



6.  O'yinchoq mashinani turli xil balandliklardan qo'yib yuboramiz.

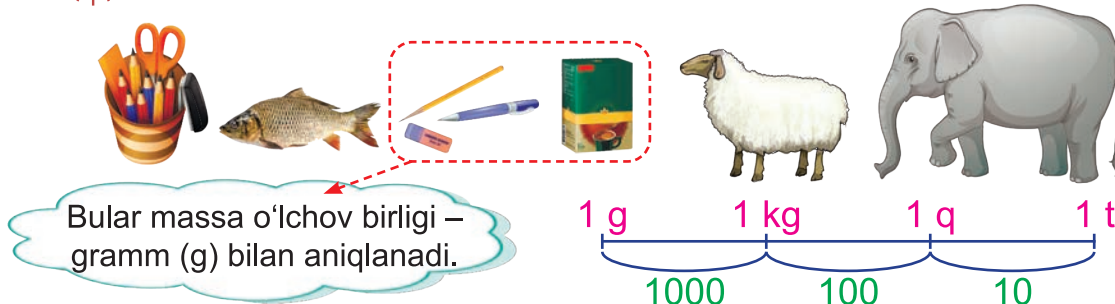


Mashinaning bosib o'tgan masofasini o'lchaymiz. Qanday holatda mashina uzoqroq masofani bosib o'tadi? Jadval tuzib, belgilaymiz.

6-bob. 3-dars

Massa o'lchov birliklari

1.  Narsa va jonzorlarning massasi qanday o'lchanadi?



Bular massa o'lchov birligi – gramm (g) bilan aniqlanadi.

g – gramm kg – kilogramm q – sentner t – tonna
1 kg = 1000 g 1 q = 100 kg 1 t = 1000 kg

2.  Tengliklar hosil qilamiz.

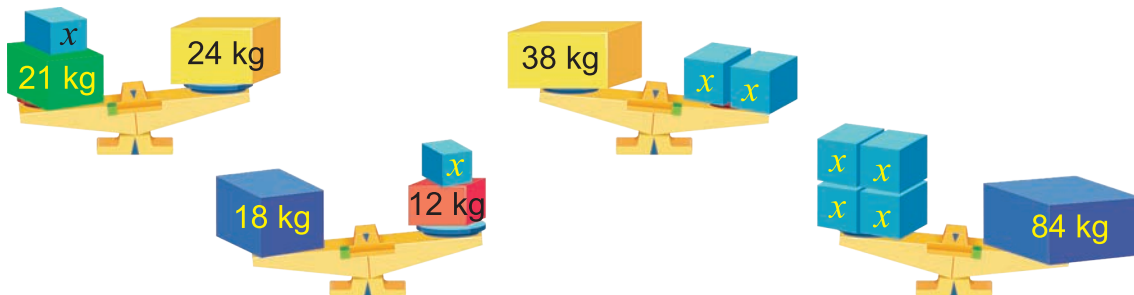
$$\begin{aligned} 7 \text{ q} &= \boxed{} \text{ kg} & 5 \text{ t } 4 \text{ q} &= \boxed{} \text{ q} \\ 9 \text{ q} &= \boxed{} \text{ kg} & 2 \text{ t } 7 \text{ q} &= \boxed{} \text{ q} \\ 6 \text{ t} &= \boxed{} \text{ q} & 8 \text{ t } 3 \text{ q} &= \boxed{} \text{ q} \end{aligned}$$

3.  3 ta kitob bor. Ularning massasi 350 g, 225 g, 375 g.

- Kitoblarning jami massasi qancha?
- Jami kitoblar massasi 1 kilogrammdan og'irmi yoki yengil?
- Qaysi kitob og'irroq? Qaysi biri yengilroq?



4. Kubning og'irligi qancha?



5. Xo'rozning massasi 2 kg. Rasm asosida hayvonlarning massasini topamiz.



- Kuchukning massasi xo'rozning massasidan necha marta ortiq?
- Mushukning massasi quyonning massasidan necha kilogramm yengil?

6. Oila a'zolarimizning vaznini aniqlaymiz. Ma'lumotlarni jadvalda ifodalaymiz.

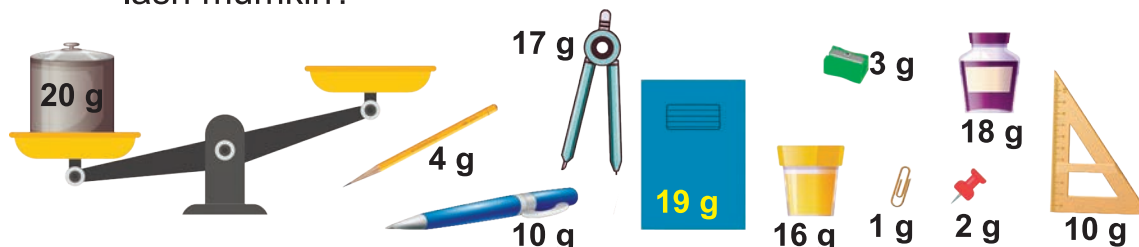
Oila a'zolari	Vazni	Eng og'ir	Eng yengil
Otam	84 kg	+	–

- Kimning vazni eng yengil vaznli oila a'zosiga nisbatan og'irroq?
- Eng og'ir va eng yengil vaznlilar orasidagi farq qancha?

6-bob.
4-dars

Massa o'lchov birliklari

1. Buyumlardan foydalanib, necha xil usulda tarozini muvozanatlash mumkin?

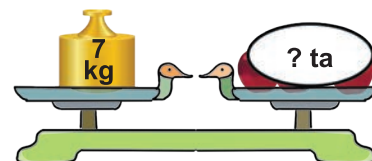
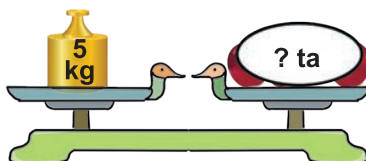
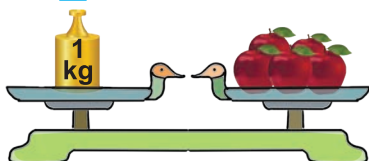


2. Hisoblaymiz va taqqoslaymiz.

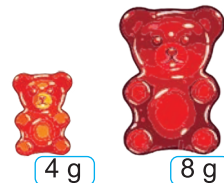
$$725 \text{ g} + 275 \text{ g} \bigcirc 347 \text{ g} + 504 \text{ g} \quad 954 \text{ g} - 163 \text{ g} \bigcirc 187 \text{ g} + 604 \text{ g}$$

$$477 \text{ g} - 319 \text{ g} \bigcirc 635 \text{ g} - 409 \text{ g} \quad 537 \text{ g} + 85 \text{ g} \bigcirc 1 \text{ kg} + 601 \text{ g}$$

3.  Bitta olma massasi necha gramm?



4.  5 ta 8 g li ayiqcha bilan nechta 4 g li ayiqcha tarozida muvozanatda bo'ladi?



5.  Ma'lumotlardan foydalanib savollarga javob beramiz.

Bolalar	Farhod	Anora	Zilola
Vazni	23 kg	?	21 kg
Jami	63 kg		

Anoraning vazni necha kilogramm?

Farhodning vazni Zilolaning vaznidan necha kilogramm og'ir?

Anoraning vazni Zilolaning vaznidan necha kilogramm yengil?

Zilola va Anoraning umumiy vazni necha kilogramm?

Farhod va Zilolaning umumiy vazni necha kilogramm?

6.  Hisoblaymiz.

$$725 \text{ g} + 275 \text{ g}$$

$$635 \text{ g} - 409 \text{ g}$$

$$537 \text{ g} + 85 \text{ g}$$

$$477 \text{ g} - 319 \text{ g}$$

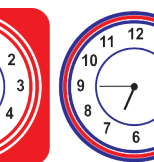
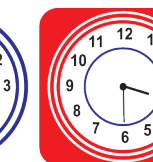
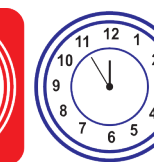
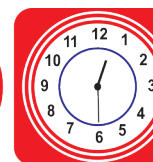
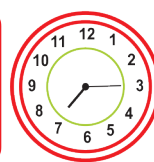
$$347 \text{ g} + 504 \text{ g}$$

$$1 \text{ kg} - 631 \text{ g}$$

6-bob. 5-dars

Vaqt o'lchov birliklari

1.  Soatlar qaysi vaqtni ko'rsatayotganini aytamiz va yozamiz.



2.  Ayting-chi, siz necha yoshdasiz? Ma'lumotlardan foydalanib yoshingizni oylarda ifodalang.

24 soat = 1 kun



7 kun = 1 hafta



4 hafta = 1 oy
1 oy 28 - 31 kun

Aprel 2022						
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

12 oy = 1 yil
1 yil = 365 kun



3.  Namuna asosida hisoblaymiz.

$$12 \text{ oy} + 40 \text{ oy} = 52 \text{ oy}$$

$$365 \text{ sutka} - 176 \text{ sutka}$$

$$245 \text{ sutka} + 112 \text{ sutka}$$

$$1 \text{ yil} - 6 \text{ oy}$$

$$37 \text{ yil} + 89 \text{ yil}$$

$$365 \text{ kun} - 8 \text{ hafta}$$

4.  Bir yilda 7 oy 31 kundan, 4 oy 30 kundan iborat bo'lsa, qolgan oy necha kundan iborat bo'ladi?

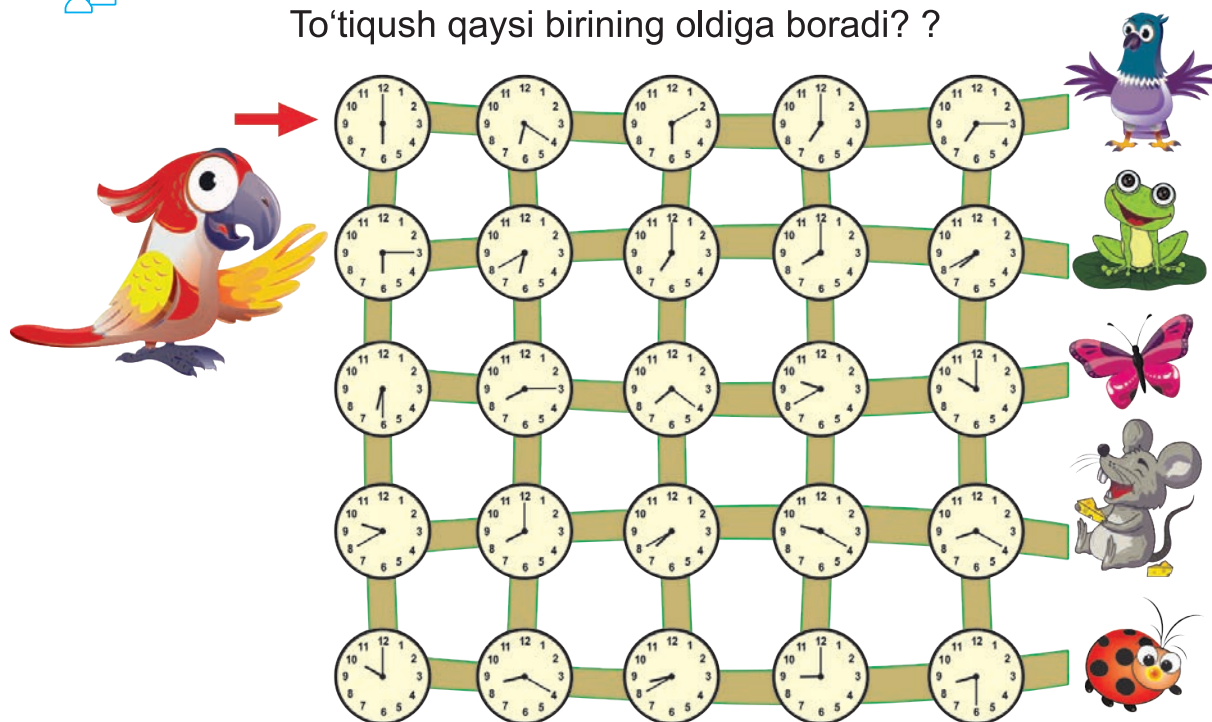
Agar har to'rt yilda fevral oyi 29 kundan iborat bo'lsa, shu yilda necha kun bo'ladi?

Yanvar	Fevral	Mart	Aprel	May	Iyun
31 kun	28/29 kun	31 kun	30 kun	31 kun	30 kun
Iyul	Avqust	Sentyabr	Oktyabr	Noyabr	Dekabr
31 kun	31 kun	30 kun	31 kun	30 kun	31 kun

5.  Soatlar mantiqiy ketma-ketlikda berilgan. 7-soat qaysi vaqtni ko'rsatishi kerak?



6.  Vaqtlar oralig'i 20 minut davom etadigan marshrut bo'yab yuramiz. To'tiqush qaysi birining oldiga boradi? ?



7.  Rayhona buvisining uyida 15-iyuldan 12-avgustgacha qoldi. Rayhona buvisi bilan necha kun qoldi?

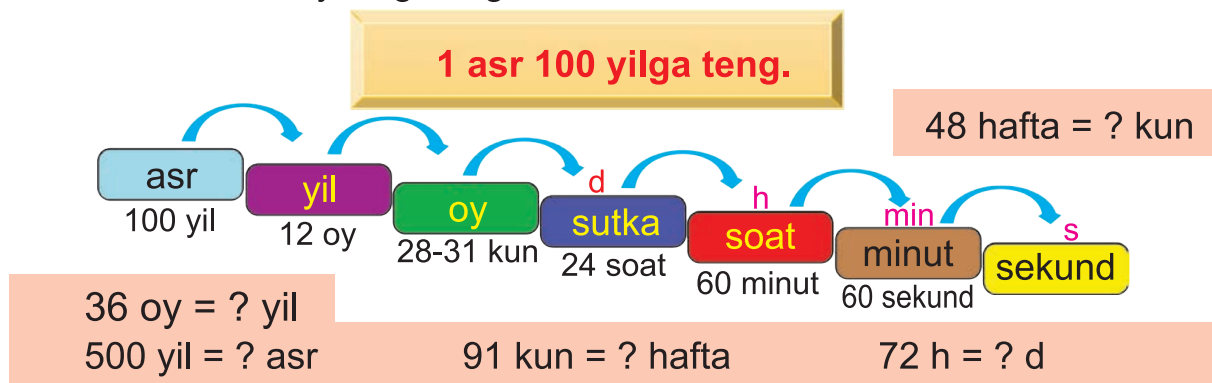
6-bob.
6-dars

Vaqt o'lchov birliklari

1.  Oy nomlarini rasmlar bilan moslashtirib aytamiz.



2.  Tibbiyot ilmining bilimdoni Abu Ali ibn Sino 9-asrda yashagan. Bu nechanchi yillarga to'g'ri keladi?

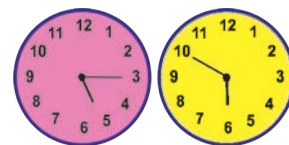


3.  Hisoblaymiz.

2 yil 65 kun + 5 yil 256 kun
7 oy 18 kun + 5 oy 12 kun
8 oy + 43 yil 2 oy
12 min 45 s + 25 min 15 s

8 asr 50 yil + 1 asr 40 yil
11 yil 12 d + 48 oy 18 d
6 h 42 min + 17 h 18 min
59 min + 36 s

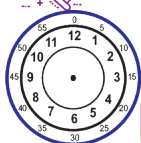
4.  Ravshan va Qahramon har kuni kechqurun badminton o'ynaydi. Ularning o'yin vaqti qancha davom etishini ayta olasizmi?



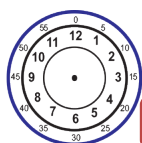
5.  Bo'sh kataklarni to'ldiramiz. Avtobus qancha vaqtda manzilga yetib boradi?



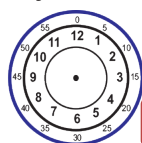
6.  Vaqtga qarab soat millarini joylaymiz.



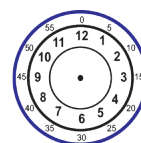
2:35



15:30



8:30



22:45

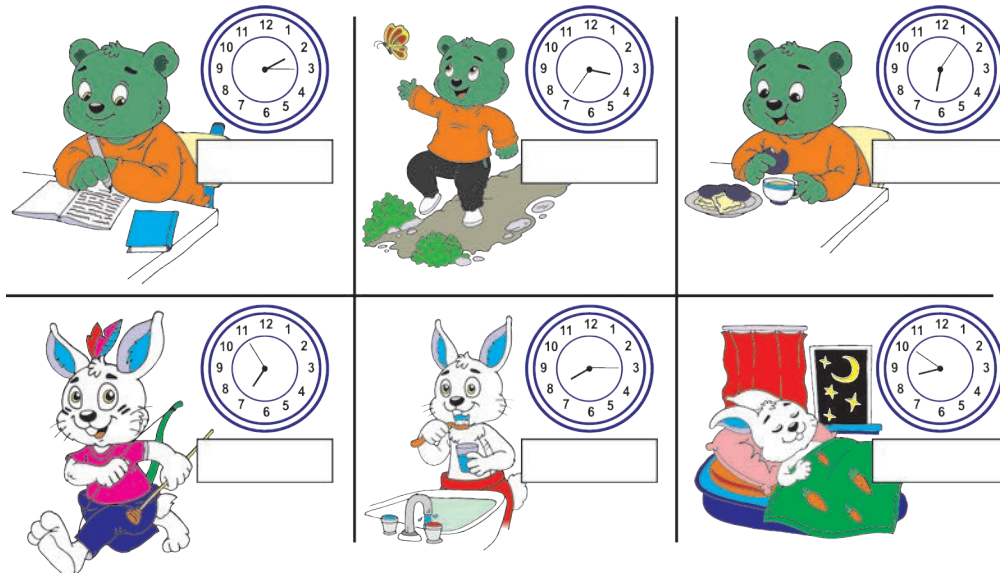
7. Taqqoslaymiz.

5 asr		50 yil	4 d		98 h	12 oy		yarim yil
500 yil		7 asr	6 h		300 min	100 h		9 d
5 yil		60 oy	70 min		2 h	24 h		1 hafta

6-bob. 7-dars

Vaqt o'lchov birliklari

1. Kun tartibini ko'rsatuvchi vaqtlarni yozamiz.



2. Yusuf sog'lom bo'lish uchun yugurmoqda. Uyidan 14:20 da chiqdi. Yugurish uchun 2 soat-u 15 minut sarfladi. Yusuf uyiga soat nechada qaytib keldi?

3. Qaysi vaqtlar yetishmayapti? Topamiz.



4. Mosliklarni topamiz va belgilaymiz.

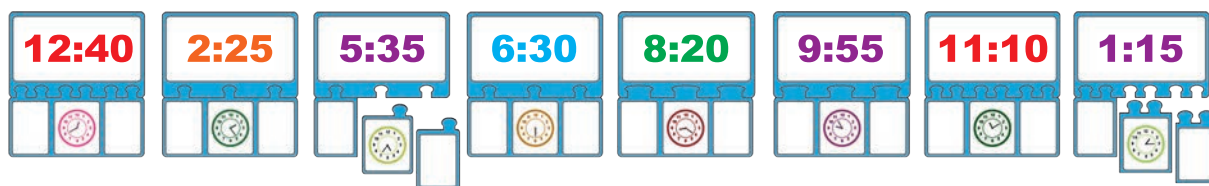
15 minut kam 11	10:45	6:45	20 minut kam 10
10 dan 30 minut o'tdi	20:15	9:40	15 dan 10 minut o'tdi
10 minut kam 8	10:30	8:15	6 dan 45 minut o'tdi
20 dan 15 minut o'tdi	7:50	15:10	8 dan 15 minut o'tdi

5.  Kinoteatrda soat 10:00 dan boshlab «Fazoga sayohat» filmi bir kunda 4 marta namoyish etiladi. Film davomiyligi 1 soat-u 40 minut va oraliq tanaffus 20 minutni tashkil etadi.

- 1- va 3-seanslar kunning qaysi qismiga to'g'ri keladi?
- 4-seans soat nechada tugaydi?
- Tanaffuslarning umumiy vaqti qancha?

6.  Berilgan vaqtlarni namuna asosida aytamiz.

4 dan 45 minut o'tdi $\leftarrow 4:45 \rightarrow$ 15 minut kam 5



7.  Tenglik o'rinli bo'lishi uchun mos sonlarni yozamiz.

4 minut = ____ sekund

10 minut = ____ sekund

12 minut = ____ sekund

12 hafta = ____ kun

7 asr = ____ yil

96 soat = ____ sutka

27 oy = ____ yil ____ oy

120 oy = ____ yil

8. Hisoblaymiz va taqqoslaymiz.

2 h 15 min + 4 h 48 min  3 h 24 min + 2 h 39 min

15 oy 48 d + 9 oy 2 d  2 yil 3 oy + 9 oy

17 min 57 s + 43 min 2 s  21 min 36 s + 39 min 47 s

6-bob.
8-dars

Rim raqamlari

1.

Bu raqamlar **rim raqamlari** deyiladi.

Kichik rim raqami katta raqamdan o'ngda yozilsa, ular qo'shiladi:
 $VI = 5 + 1 = 6$, $CXV = 100 + 10 + 5 = 115$.

Kichik raqam katta raqamdan chapda yozilsa, ayriladi: $IV = 5 - 1 = 4$,
 $IX = 10 - 1 = 9$, $XC = 100 - 10 = 90$.



400 40 4
CDXLIV
 444

Sonlarni hosil qilishda rim raqamlarini 3 martadan ortiq ketma-ket yozish mumkin emas.



2.

Sonlarni o'qiymiz va yozamiz.

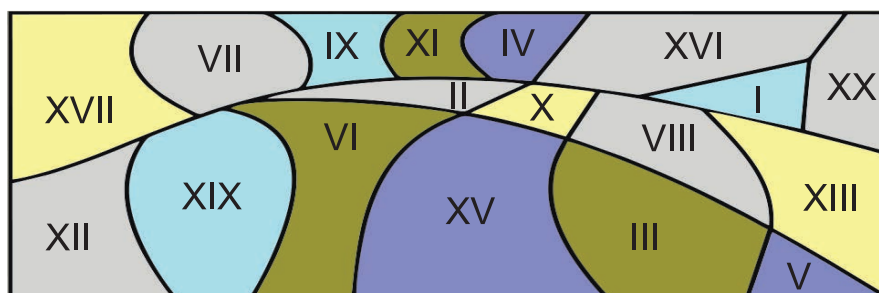
1	
	II
3	
	IV
5	
	VI
7	
	VIII
9	
	X

	XI
12	
	XIII
14	
	XV
16	
	XVII
18	
	XIX
20	

30	
	XL
50	
	LX
70	
	LXXX
90	
	C
500	
	M

3.

Tushirib qoldirilgan sonlarni aniqlaymiz.

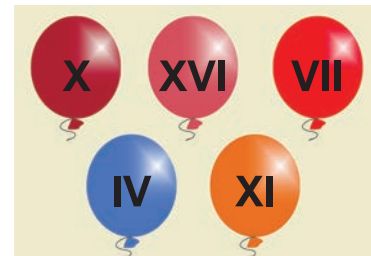


4.  Sonlar qatorini davom ettiramiz va yozamiz.



5.  Farhod yettidan katta, o'n ikkidan kichik bo'lgan raqamlar yozilgan pufaklarni oldi.

- Farhod qaysi raqamlarni oldi?
- Qaysi raqamdagi pufaklar qoldi?
- Qolgan pufaklarda ifodalangan raqamlarning yig'indisi va ko'paytmasi nechaga teng?

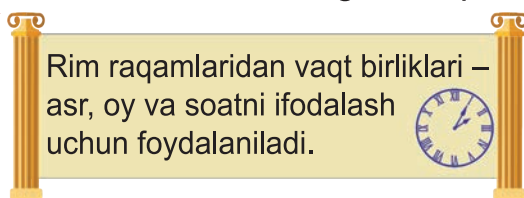


6.  Oila a'zolarimizning tug'ilgan sanalarini rim raqamlarida yozamiz.

6-bob.
9-dars

Rim raqamlari

1.  Soatlarda ifodalangan vaqtlarni aniqlaymiz.



2.  Plastilin va cho'plar yordamida 1 dan 20 gacha bo'lgan rim raqamlarini yasaymiz.



3.  Quyidagi sonlarni rim raqamlarida yozamiz: 34, 76, 125, 467, 871, 1000.

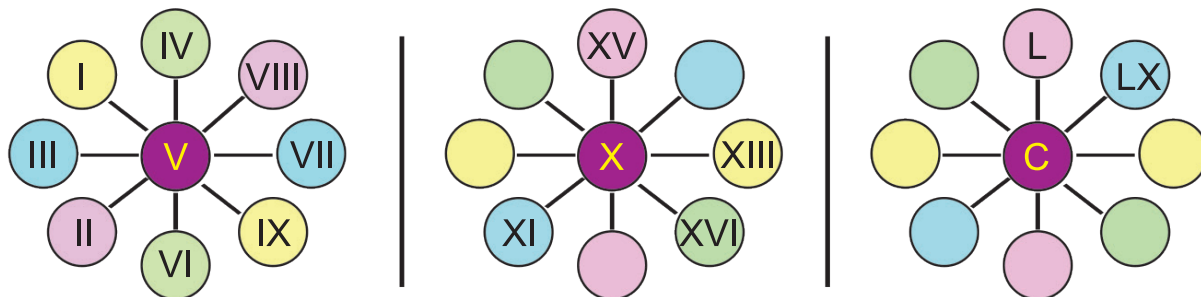
4.  **X V D C M** Berilgan rim raqamlaridan nechtadan simmetriya o'qi o'tkazish mumkin?

Qaysi raqamlardan simmetriya o'qi o'tkazilganda yana boshqa raqamni ko'rish mumkin? Ularni burish va aylantirish orqali-chi?

5.  Kitob javonida turgan kitoblar tartibida qaysi sonlar tushib qolgan?



6.  Doiralarda yashirilgan sonlarni aniqlaymiz.



7.  Sirkul yordamida radiusi 2 cm bo'lgan kattalikdagi soat modelini chizib, unda quyidagi vaqtlarni rim raqamlarida belgilaymiz:
2:30; 16:05; 20:50; 7:15

6-bob.
10-dars

STEM topshiriq

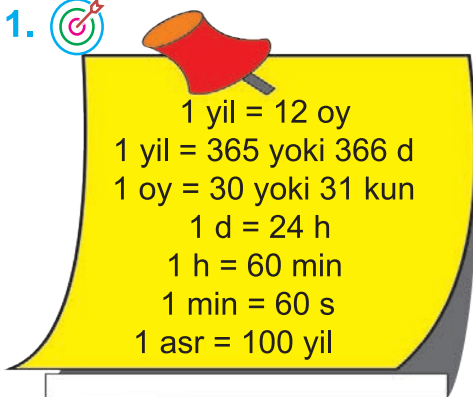
Mustaqil ravishda kunni vaqtlarga ajratish va yozish, tushdan oldin va tushdan keyingi vaqtni soatlarda hisoblash. Vaqtni rejalashtirish (kun tartibini tuzish va soatlarda ko'rsatish).



6-bob.
11-dars

Kattaliklar orasidagi munosabatlar

1. 



$1 \text{ yil} = 12 \text{ oy}$
 $1 \text{ yil} = 365 \text{ yoki } 366 \text{ d}$
 $1 \text{ oy} = 30 \text{ yoki } 31 \text{ kun}$
 $1 \text{ d} = 24 \text{ h}$
 $1 \text{ h} = 60 \text{ min}$
 $1 \text{ min} = 60 \text{ s}$
 $1 \text{ asr} = 100 \text{ yil}$

Uzunlik o'lchov birliklari

$$1 \text{ km} = 1000 \text{ m}$$

$$1 \text{ m} = 10 \text{ dm}$$

$$1 \text{ dm} = 10 \text{ cm}$$

$$1 \text{ cm} = 10 \text{ mm}$$

Massa o'lchov birliklari

$$1 \text{ t} = 1000 \text{ kg}$$

$$1 \text{ t} = 10 \text{ q}$$

$$1 \text{ q} = 100 \text{ kg}$$

$$1 \text{ kg} = 1000 \text{ g}$$



2. 

Berilgan matodan nechta ko'ylak tikish mumkin? Ortib qolgan matodan bitta ko'ylak tikish uchun yana qancha mato kerak?

3 m	125 m	Qoldi	Yetmaydi
1 ta ko'ylak	? ta ko'ylak	? m	? m

3. 

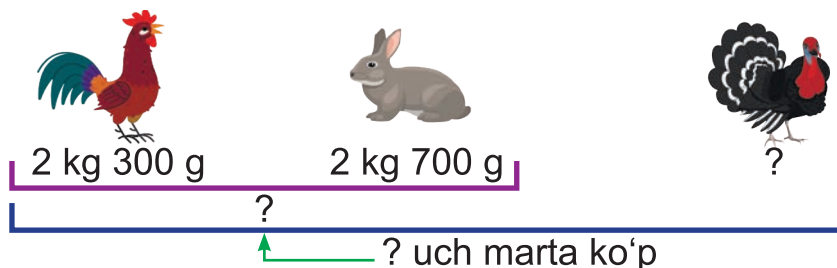
Velosportchi Farg'ona shahridan yo'lga chiqib, 2 soat davomida harakatlandi. Keyin u yo'lko'rsatkichga duch keldi.



Velosportchi shu tezlikda harakatlansa, yo'lko'rsatkichdan Qo'qon shahriga yetib borgunicha necha soat vaqt sarflaydi? U qancha vaqtda butun yo'lni bosib o'tadi?

4. 

Kurkaning massasi qancha?



5. 

Sutkalarda ifodalaymiz.

$$48 \text{ soat} = \boxed{} \text{ d}$$

$$96 \text{ soat} = \boxed{} \text{ d}$$

$$4 \text{ hafta} = \boxed{} \text{ d}$$

$$7 \text{ hafta} = \boxed{} \text{ d}$$

Yillarda ifodalaymiz.

$$36 \text{ oy} = \boxed{} \text{ yil}$$

$$84 \text{ oy} = \boxed{} \text{ yil}$$

$$144 \text{ oy} = \boxed{} \text{ yil}$$

$$240 \text{ oy} = \boxed{} \text{ yil}$$

6. 

O'zimizning vaznimiz, bo'yimiz va tug'ilgan kunimizni yozamiz. Bunda qaysi o'lchov birliklaridan foydalanamiz?

7. 🏠 Kalendar bo'yicha savollarga javob yozamiz.

- Sherbek mart oyining birinchi juma kuni elektr toki uchun to'lov qilishi kerak. U bu ishni nechanchi mart kuni amalga oshiradi?
- Sherbek mo'ljallagan kunidan uch kun o'tib to'lov qildi. U hisobni qachon to'ldirgan?
- Mart oyining oxirgi dushanbasi qaysi sana?
- 29-mart haftaning qaysi kuni? 21-mart-chi?
- Mart oyida nechta chorshanba bor?

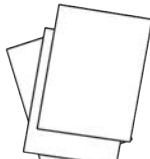
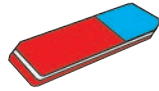
Mart						
D	S	Ch	P	J	Sh	Ya
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

6-bob. 12-dars

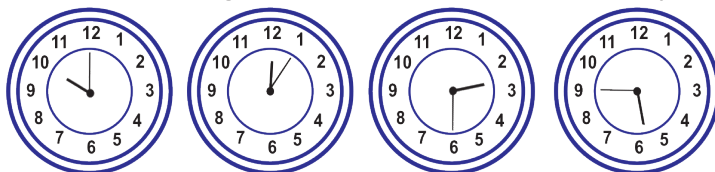
Kattaliklar orasidagi munosabatlar

1. 🧑 1000 so'mga o'quv qurollarining har biridan nechtdan olish mumkin?

Qaysi birida qancha so'm ortib qoladi?

					
500 so'm	100 so'm	250 so'm	400 so'm	700 so'm	150 so'm

2. 💡 Soat millari 10:00 ni ko'rsatmoqda. Soat 12:05, 14:30, 17:45 bo'lguncha soatning minut mili necha marta aylanadi?



3. 🕒 Sekundlarda ifodalaymiz.

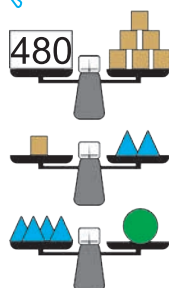
1 min 45 s
5 min 59 s

3 min 18 s
7 min 26 s

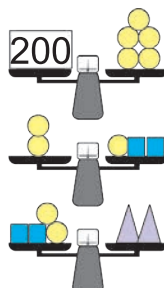
8 min 5 s
9 min 30 s

10 min 39 s
12 min 48 s

4. 🎯 Har bir shaklning og'irligi qancha?



■	=	?
▲	=	?
●	=	?



●	=	?
■	=	?
▲	=	?

5. 🗺️ To'g'ri to'rtburchak shaklidagi ekin maydonining bir tomoni 350 m. Ekin maydoni uzunligi 5 metrdan bo'lgan 180 ta panjara bilan to'liq o'rab olindi. Shu maydonning ikkinchi tomoni uzunligi va perimetrini topamiz.

6.  Har bir bankaga 15 stakan suv sig'adi. Chamalab aytamiz: bankalar to'lishi uchun yana necha stakandan suv kerak?



Bankalar to'lishi uchun jami necha stakan suv kerak?

7.  Qarag'ay daraxti qoqio'tdan necha santimetr uzun?



[?] 9 marta uzun

[?] 5 marta uzun

20 cm

**6-bob.
13-dars**

Kattaliklar orasidagi munosabatlar

1.  Havo harorati deganda nimani tushunamiz?

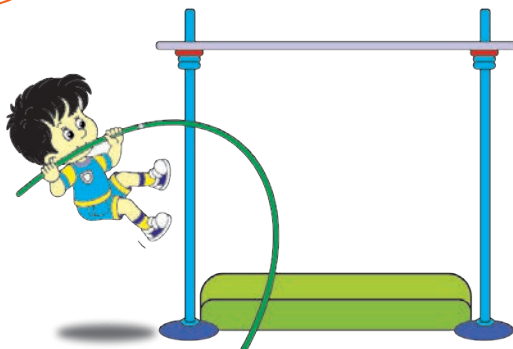
Kunning issiq yoki sovuq bo'lishi havo harorati deyiladi.
Harorat **termometr** yordamida o'lchanadi.



Yana nimalar termometr yordamida o'lchanadi?

Yurtimizda yoz faslida havo harorati 30–35 daraja issiq bo'ladi. Cho'l hududlarida esa bu davrda havo harorati 50–60 daraja issiqni tashkil etadi. Cho'lining yozgi havosi boshqa hududlarga qaraganda necha daraja issiqroq?

2.  Sportchi ikkinchi urinishda qanday balandlikka sakragan?



5 m
88 cm

?, 29 cm
uzun

1-urinish

2-urinish

3. Hisoblaymiz.

$$\begin{aligned} 2 \text{ kg } 300 \text{ g} + 3 \text{ kg } 200 \text{ g} \\ 1 \text{ q } 60 \text{ kg} + 5 \text{ q } 40 \text{ kg} \\ 1 \text{ t } 3 \text{ kg} - 7 \text{ q} \end{aligned}$$

$$\begin{aligned} 5 \text{ kg } 400 + 4 \text{ kg } 600 \text{ g} \\ 28 \text{ q } 200 \text{ kg} + 21 \text{ q } 800 \text{ kg} \\ 1 \text{ t } 26 \text{ kg} - 326 \text{ kg} \end{aligned}$$

4. Samolyot Toshkentdan Buxoro shahriga 45 minutda yetib borsa, Nukus shahriga qancha vaqtda yetib boradi?



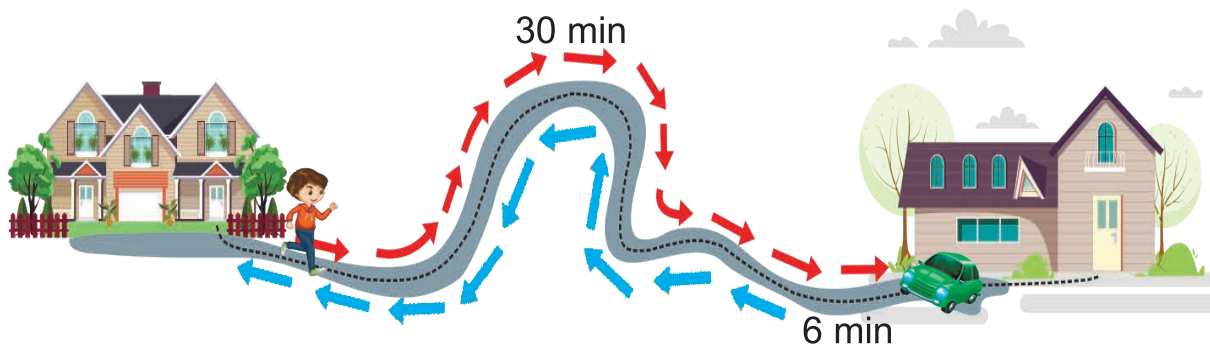
Toshkent – Buxoro-450 km

Toshkent – Nukus-900 km

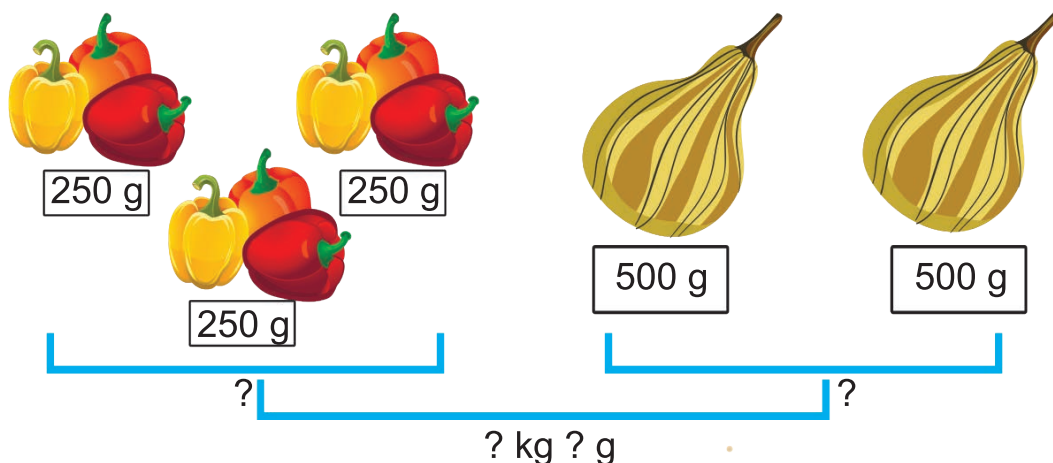
Nukus va Buxoro shaharlari orasidagi masofa farqi necha kilometr?

5. Saida buvisinikiga piyoda va mashinada borib kelishga vaqt sarfladi. U qaytishda borishga nisbatan necha barobar kam vaqt sarfladi?

Saida buvisining uyiga borguncha necha marta burilgan?



6. Qovoq va bulg'or qalampirining birgalikdagi massasi qancha?



7-BOB

IFODALAR

$$25 \times 3 + 180$$

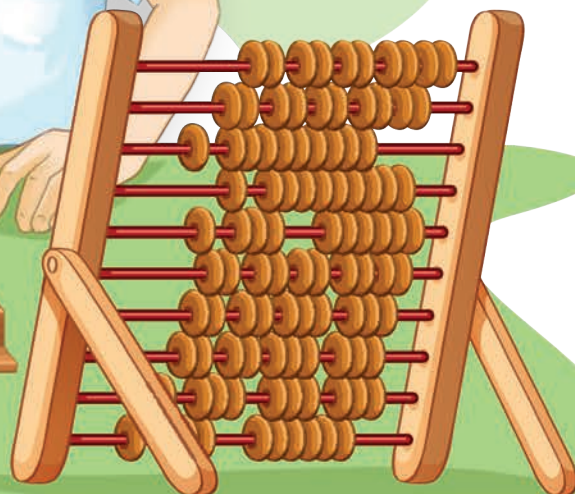
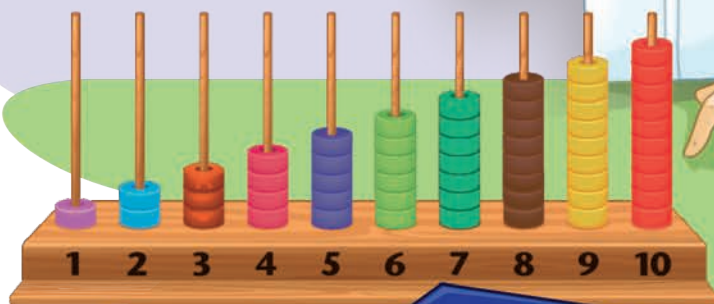
$$763 \div 7 = 102$$

$$+ ? 801 - 49 =$$

?

=

1



**7-bob.
1-dars**

Amallarni bajarish tartibi

1.  Qanday arifmetik amallarni bilamiz?

$$561 + 254$$

$$636 - 124$$

$$245 \times 2$$

$$749 \div 7$$

Ifodada nechta arifmetik amal ishtirok etdi?

$$215 + 502 - 685$$

$$102 \times 8 \div 4$$

Yana shunday ifodalar tuza olamizmi?

2.  Ifodalarning qiymatlarini topamiz. Ifodalarda qanday amallar ishtirok etgan?

$$256 + 157$$

$$427 + 100 + 243$$

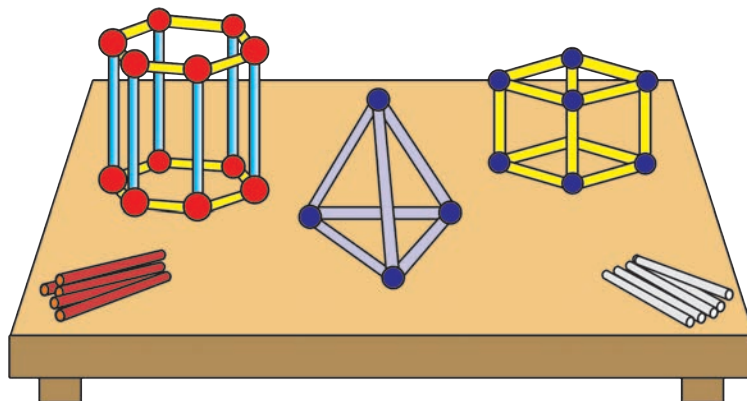
$$300 + 420 + 133 + 145$$

$$214 \times 3$$

$$114 \times 3 \times 2$$

$$231 \times 2 \times 1 \times 2$$

3.  Sanoq cho'plar va plastilin yordamida yasaymiz. 150 ta tayoqcha bo'lsa, ikkinchi shakldan nechta yasash mumkin? Uchinchi shakldan-chi?



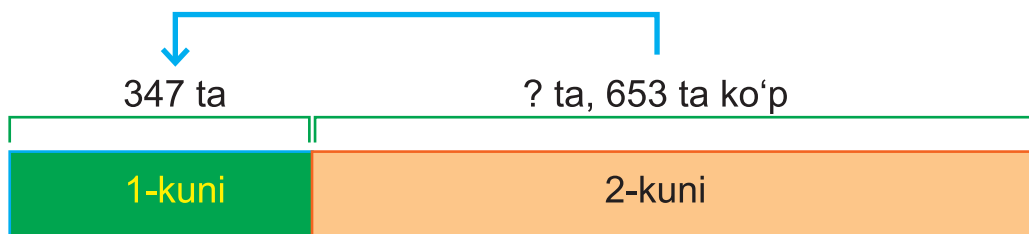
4.  Bo'sh kataklarga mos sonlarni topamiz.

$$420 + 290 + 158 = 420 + \square + 290 \quad 816 - 419 - 176 = 569 + 181 - \square$$

$$110 \times 4 \times 2 = 110 \times \square$$

$$728 \div 8 \times \square = 900 \div 9 \times 0$$

5.  Tabiat muzeyini tashkil etish uchun 2-kuni nechta eksponat keltirilgan?



6.  Ifodalarning qiymatlarini topamiz.

$$613 - 420$$

$$860 - 410 - 342$$

$$904 - 311 - 542 - 42$$

$$414 \div 2$$

$$726 \div 3 \div 2$$

$$968 \div 1 \div 4 \div 2$$

**7-bob.
2-dars**

Amallarni bajarish tartibi

1.  Ifodadagi amallar tartibini aytamiz va qiymatini topamiz.

$$\begin{array}{l} 452 + 124 \times 3 \\ 351 - 632 \div 2 \end{array}$$

$$\begin{array}{l} 275 \div 5 + 156 \times 6 \\ 758 + 556 \div 4 - 318 \end{array}$$

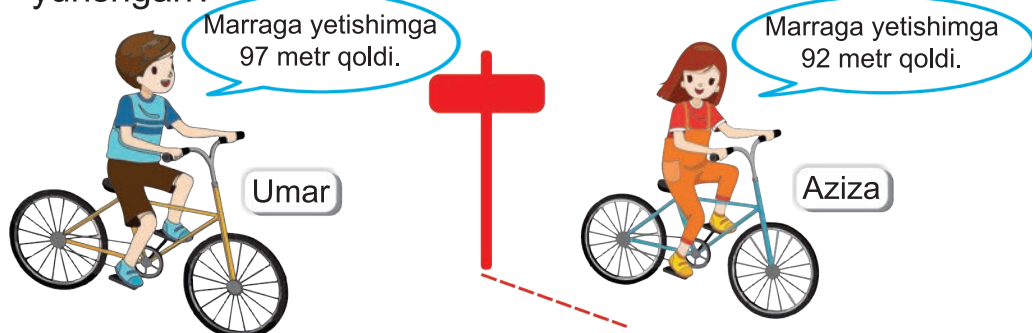
2.  Sport marafoni ishtirokchilari haqidagi ma'lumot asosida ifodalar tuzamiz va yechamiz.

	Yanvar	Fevral	Mart
Bolalar	?	340	227
Kattalar	150	?	773
Jami	280	900	?

3.  Hisoblaymiz.

$$738 \div 6 \times 7 \quad 3 \times 219 + 343 \quad 720 \div 6 + 968 \div 8 \quad 246 \times 4 - 264 \times 2$$

4.  Jami yo'l uzunligi 1000 metr bo'lsa, Umar va Aziza necha metrdan yurishgan?



5.  Besh stakanga qahva, kakao yoki sut solingan. Qahva kakaodan ikki baravar ko'p. Agar uchta stakanga bir xil ichimlik solinmagan bo'lsa, qaysi stakanda kakao bor?



6.  Yig'indini topamiz.

$$\begin{array}{r} 379 \\ 217 \\ + 199 \\ \hline \end{array} \quad \begin{array}{r} 374 \\ 236 \\ + 262 \\ \hline \end{array} \quad \begin{array}{r} 226 \\ 287 \\ + 298 \\ \hline \end{array} \quad \begin{array}{r} 249 \\ 157 \\ + 121 \\ \hline \end{array}$$

7.  12 ta jarrohlik xonasi mavjud. Har bir jarrohlik xonasiga 5 nafar shifokor va 7 nafar hamshira kerak. Barcha jarrohlik xonasi uchun jami nechta tibbiyot xodimi kerak bo'ladi?

**7-bob.
3-dars**

Amallarni bajarish tartibi

1.  Qavsli ifodalarda amallar tartibi qanday bajariladi? Ifodalar qiymatini taqqoslaymiz.

$$200 + (60 \times 3) \square (200 + 60) \times 3 \quad (400 - 0) \times 2 \square 400 - (0 \times 2)$$

2.  Amallarni tartib bilan bajaramiz.

$$\begin{array}{cc} \begin{array}{c} 457 \triangle + 319 \triangle - 578 \triangle + 6 \triangle \\ 1000 \triangle - 560 \triangle - 187 \triangle \times 3 \triangle \end{array} & \begin{array}{c} 267 \triangle + 513 \triangle - 654 \triangle \div 3 \triangle \\ 56 \triangle \times 10 \triangle \div 7 \triangle \times 8 \triangle \end{array} \end{array}$$

3.  Noma'lumlarni topamiz.

$$\begin{array}{r} 584 \\ - 48 \triangle \\ \hline 95 \end{array}$$

$$\begin{array}{r} 438 \\ - 26 \triangle \\ \hline \square 69 \end{array}$$

$$\begin{array}{r} 918 \\ - 80 \triangle \\ \hline \square 17 \end{array}$$

$$\begin{array}{r} 631 \\ - 2 \triangle \triangle \\ \hline 3 \triangle 8 \end{array}$$

4.  Rasmlarning farqi nimada? Shakllar qanday harakatda? Qaysi birida geometrik shakl ko'p?



5.  5 ta 1 soni va arifmetik amallardan foydalanib 100 sonini hosil qila olasizmi?

6.  Har biri 23 ta savolli 4 ta viktorina o'tkazildi. Har bir savolga javob berish uchun 2 minut vaqt ajratildi. Viktorinalarni o'tkazish uchun jami qancha vaqt sarflangan?

7.  Bo'sh kataklarga mos sonlarni topamiz.

$$\square + 569 - 259 = 69 - 42 + 359$$

$$968 - \square \times 968 > 900 \times 1 \div \square$$

7-bob.
4-dars

Amallarni bajarish tartibi

1.  Ifodalarning qiymatlarini taqqoslaymiz va tushuntiramiz.

$$128 + 205 \times 3$$

$$748 \div 4 - 3$$

$$726 \div 6 + 313 \times 2 - 541$$

$$(128 + 205) \times 3$$

$$748 \div (4 - 3)$$

$$726 \div 6 + (313 \times 2 - 541)$$

2.  Bo'sh kataklarga mos sonlarni topamiz.

$$241 + 356 + \square = 941$$

$$1000 = \square + 492 \div 4$$

$$505 = \square \div 4 + 404$$

3.  Ushbu shakl bir marta to'liq aylanib chiqsa, so'roq belgisi o'rnidagi uchburchak qanday rangda bo'ladi?



4.  100 litrli idishni chelak va yelim idishdan foydalanib to'ldiramiz. Shunda idishlardan necha marta foydalanamiz? Siz nechanchi urinishda to'ldirdingiz?



5 L



10 L



100 L

5.  Noma'lumlarni topamiz.

$$\begin{array}{r} 2\blacktriangle \\ \times 3 \\ \hline 732 \end{array}$$

$$\begin{array}{r} 26\blacktriangle \\ - 136 \\ \hline 1\blacksquare3 \end{array}$$

$$\begin{array}{r} 20\blacktriangle \\ - 184 \\ \hline \blacksquare6 \end{array}$$

$$\begin{array}{r} \blacktriangle\blacktriangle \\ - 7 \\ \hline 4\blacksquare7 \end{array}$$

6.  Namuna asosida hisoblaymiz.

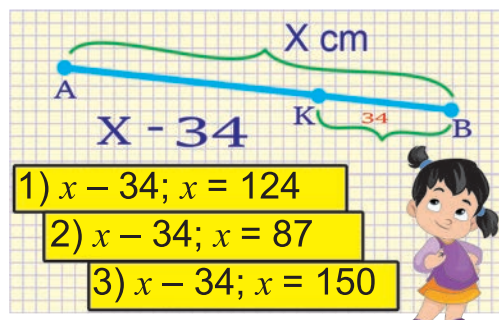
Namuna: $341 + 526 - 478 = 867 - 478 = 389$.

	$+ 526$	$- 478$
341		
296		
415		

	$- 288$	$+ 321$
934		
295		
861		

1. Ifodalarni o'qiymiz.

2.

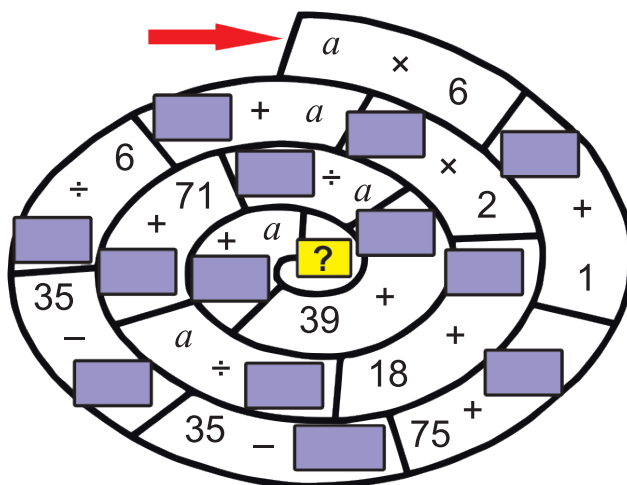


$d = 5$ bo'lsa, $18 + d = ? \rightarrow$ harfli ifoda
 $18 + 5 = 23 \rightarrow$ sonli ifoda

3.  Ifodalarning qiymatini topamiz. Bunda $a = 9$, $b = 63$, $c = 59$, $d = 3$.

$315 - a$	$821 + c$	$423 \div a$	$345 + b$
$937 - b$	$293 \times d$	$134 + c$	$78 \div d$

4. Agar $a = 4$ bo'lsa, noma'lum sonni aniqlaymiz.



5.  Jadvalni to'ldiramiz.

d	24	36	114	72	84	102
$d \times 6$						
$d \div 6$						

6.  $x = 8, y = 7$ bo'lsa, ifodalarning qiymatini topamiz.

$$\begin{array}{ccc} x + 123 + 89 & 700 \div y - 59 & 1000 - 48 + y \\ 248 \div x + 88 & 159 + x & 56 \times 5 \div y \end{array}$$

7-bob.
6-dars

Harfli ifodalar

1.  Harfli ifodaning qiymati qanday topilgan?

$$\begin{aligned} a + b &= ? \\ a &= 627 \quad b = 159 \\ 627 + 159 &= ? \end{aligned}$$

Agar $a = 12$, $d = 45$, $c = 100$, $m = 77$ bo'lsa, harfli ifodaning qiymatini topamiz.

$$\begin{aligned} a + b &= ? & c - m &= ? \\ c - a &= ? & m - d &= ? \end{aligned}$$

2.  Agar $k = 70$, $d = 7$ bo'lsa, ifodalar qiymatini topamiz va taqqoslaymiz.

$$\begin{aligned} 20 + d + k &\square 83 - k - d & k + d - 58 &\square 65 + k - d \\ k - 30 + d &\square k + 48 \times d \end{aligned}$$

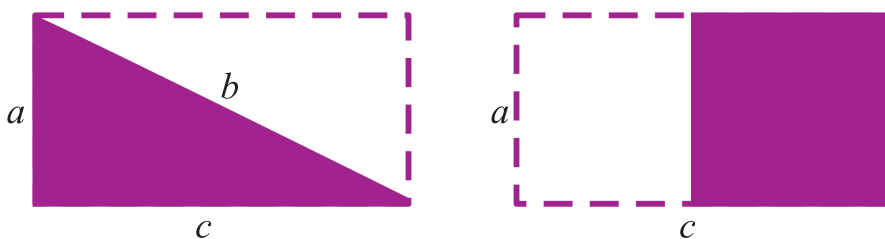
3.  Bo'sh kataklarni to'ldiramiz. $k = 125$, $m = 5$.

$$\begin{aligned} &\boxed{k} + \boxed{m} & \boxed{k} - \boxed{m} & \boxed{k} \times \boxed{m} & \boxed{k} \div \boxed{m} & \boxed{k} \div \boxed{m} + \boxed{k} & \boxed{k} \times \boxed{m} - \boxed{k} \\ &\square & \square & \square & \square & \square & \square \end{aligned}$$

4.  a , b va c ga mos keluvchi sonlarni aniqlaymiz.

30	-	b	=	a
+		+		+
c	-	a	=	150
=		=		=
190	-	30	=	c

5.  Agar $a = 6$ cm, $b = 10$ cm, $c = 8$ cm bo'lsa, shakllarning perimetri nimaga teng?



6.  Ifodalarning qiymatini topib, jadvalni to'ldiramiz.

a	6	1	2	3	4	5
$150 \div a$	●	●	●	●	●	●
$a \times 150$	●	●	●	●	●	●

7-bob.
7-dars

Tenglamalar

1.  Noma'lum qo'shiluvchi qanday topilgan?

$x + 560 = 700$
 noma'lum qo'shiluvchi "x + 560" yig'indi

$$x + 560 = 700$$

$$x = 700 - 560$$

$$x = 140$$

$$140 + 560 = 700$$

$$700 = 700$$



$$x + 480 = 940$$

$$x + 540 = 1000$$

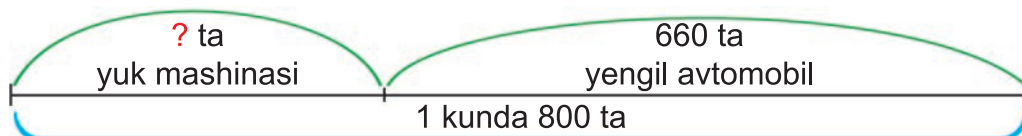
$$628 + x = 846$$

$$317 + x = 788$$

$$477 + x = 600$$

$$x + 605 = 900$$

2.  Benzin quyish shoxobchasida nechta yuk mashinasiga yonilg'i quyildi?



3.  Qo'shiluvchilarni tenglama tuzib topamiz.

Qo'shiluvchi	Qo'shiluvchi	Yig'indi	Qo'shiluvchi	Qo'shiluvchi	Yig'indi
?	803	947	521	?	602

4.  Bitta cho'p o'rnini shunday o'zgartiringki, natijada tenglik to'g'ri bo'lsin.

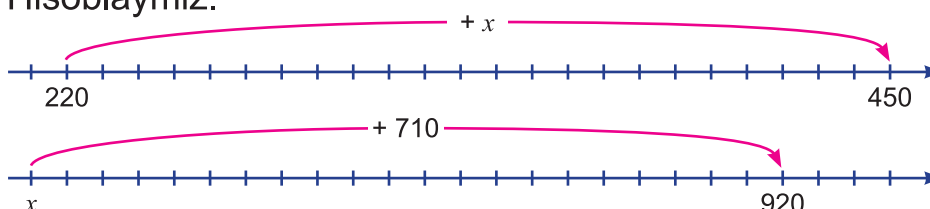
$$X - IV = IV$$

$$XII - III = XI$$

$$V + VI = IX$$

5.  Do'konga 150 ta qadoqda o'rik sharbat, o'rik sharbatining yarmi-cha olma sharbat, olma sharbatidan 3 marta ko'p qadoqda shaf-toli sharbat keltirildi. Do'konga jami necha qadoq sharbat keltirilgan?

6.  Hisoblaymiz.



7.  Tenglamalar tuzib hisoblaymiz:

- a) 125 soniga x soni qo'shilsa, 614 soni hosil bo'ladi;
 b) x songa 389 soni qo'shilsa, 700 soni hosil bo'ladi;
 d) x soni va 544 sonining yig'indisi 1000 soniga teng.

7-bob.
8-dars

Tenglamalar

1.  Tenglamaning bajarilishini eslab qolamiz.

$$x - 240 = 115$$

Diagram showing the equation $x - 240 = 115$ with labels: x is "noma'lum" (unknown), 240 is "ayriluvchi" (subtrahend), and 115 is "ayirma" (difference).

$$\begin{aligned} x - 240 &= 115 \\ x &= 115 + 240 \\ x &= 355 \\ \hline 355 - 240 &= 115 \\ 115 &= 115 \end{aligned}$$



2.  Tenglamalarni yechamiz.

$$x - 130 = 128$$

$$x - 346 = 614$$

$$x - 522 = 441$$

$$x - 297 = 364$$

$$x - 185 = 784$$

$$x - 428 = 572$$

3.  Milliy hunarmandchilik ko'rgazmasida nechta kulolchilik buyumi namoyish etilgan?

Zargarlik buyumlari	Kulolchilik buyumlari	Kashtachilik buyumlari
350 dona	?	346 dona
		
Jami 1000 dona		

4.  Soliha to'g'ri chiziqda 5 ta qizil nuqta belgiladi. U qizil nuqtalar orasidagi har bir bo'shliqqa ko'k nuqta, so'ngra qizil va ko'k nuqtalar orasidagi har bir bo'shliqqa yashil nuqta qo'ydi. Soliha jami nechta nuqta qo'ydi? Turli rangdagi nuqtalar ketma-ketligini daftarimizda aks ettiramiz.

5.  Hisoblaymiz.

Bir yil 12 oy, yarim yil necha oyga teng? Chorak yil-chi?
 Aprel oyining yarmi, uchdan bir qismi necha kun?
 Bir yil necha hafta? Bir hafta necha soat?

6.  Yangi qurilgan ko'p qavatli binoda 4 ta kirish yo'lagi bor. Jami 152 ta xonadondan iborat. Agar har bir qavatda 8 tadan xonadon bo'lsa, bino necha qavatli?

7-bob.
9-dars

Tenglamalar

1.  Tenglama qanday bajarilgan?

$690 - x = 230$
 kamayuvchi noma'lum "690 - x" ayirma

$$\begin{aligned}
 690 - x &= 230 \\
 x &= 690 - 230 \\
 x &= 460 \\
 \hline
 690 - 460 &= 230 \\
 230 &= 230
 \end{aligned}$$



$$\begin{aligned}
 560 - x &= 340 \\
 426 - x &= 241
 \end{aligned}$$

$$\begin{aligned}
 980 - x &= 400 \\
 1000 - x &= 806
 \end{aligned}$$

$$\begin{aligned}
 700 - x &= 220 \\
 383 - x &= 263
 \end{aligned}$$

2.  Amallarni bajaramiz va natijalarni taqqoslaymiz.

$$\begin{array}{c}
 86 \\
 \boxed{} + \boxed{} = \boxed{} \\
 10
 \end{array}$$

$$\begin{array}{c}
 55 \\
 \boxed{} + \boxed{} = \boxed{} \\
 9
 \end{array}$$

$$\begin{array}{c}
 130 \\
 \boxed{} + \boxed{} = \boxed{} \\
 5
 \end{array}$$

$$\begin{array}{c}
 270 \\
 \boxed{} + \boxed{} = \boxed{} \\
 3
 \end{array}$$

3.  Noma'lum sonlarni aniqlaymiz.

Kamayuvchi	Ayiriluvchi	Ayirma	Kamayuvchi	Ayiriluvchi	Ayirma
?	565	277	750	?	180

4.  Hisoblaymiz.

$$\begin{aligned}
 \text{apple} + \text{orange} &= 9 \\
 \text{lemon} \times \text{apple} &= 10
 \end{aligned}$$

$$\begin{aligned}
 \text{orange} - \text{lemon} &= 2 \\
 2 \times \text{apple} + \text{lemon} \times 4 - \text{orange} &\div 2
 \end{aligned}$$

5.  Maktab o'quvchilari o'rtasida o'tkazilgan futbol musobaqasida jami 320 ta jamoa ishtirok etdi. Agar saralash bahslaridan o'tgan jamoalar barcha jamoalarning 4 dan 1 qismini tashkil etsa, musobaqaning keyingi bosqichida nechta jamoa ishtirok etadi?

6.  Masalani tenglama tuzib yechamiz. Shirinlik tayyorlash uchun jami 950 g mahsulot ishlatildi. Un, sariyog' va shakarining birgalikdagi og'irligi 830 g ni tashkil etsa, ishlatilgan qaymoqning o'g'irligi qancha?

7-bob.
10-dars

Tenglamalar

1.  Eslaymiz.



$$\begin{aligned} x \times 4 &= 140 \\ x &= 140 \div 4 \\ x &= 35 \\ \hline 35 \times 4 &= 140 \\ 140 &= 140 \end{aligned}$$

$$x \times 4 = 140$$

ko'paytma
noma'lum
ko'paytuvchi

2.  Tenglamalarni yechamiz.

$$x \times 9 = 630$$

$$a \times 12 = 36$$

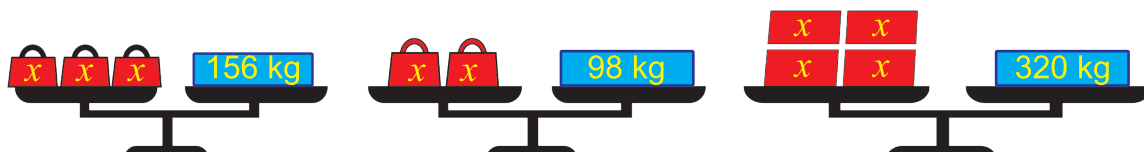
$$6 \times a = 540$$

$$7 \times y = 147$$

$$10 \times y = 1000$$

$$x \times 19 = 76$$

3.  Noma'lumlarni topamiz.



4.  Kvadratlar sonini aniqlaymiz.



5.  Masalaga mos tenglama tuzamiz.

Sayohat uchun 3 ta avtobusda jami 135 nafar o'quvchi Samarqand shahriga bordi. Har bir avtobusda necha nafardan o'quvchi bo'lgan?



6.  Tenglamalarni yechamiz.

$$4 \times a = 484$$

$$7 \times x = 168$$

$$12 \times y = 96$$

$$y \times 5 = 350$$

$$x \times 8 = 168$$

$$16 \times a = 64$$

7-bob.
11-dars

Tenglamalar

1.  Eslaymiz.

$$\begin{aligned} x \div 9 &= 53 \\ x &= 53 \times 9 \\ x &= 477 \\ 477 \div 9 &= 53 \\ 53 &= 53 \end{aligned}$$

$$x \div 9 = 53$$

bo'linma
noma'lum
bo'luvchi

$$\begin{aligned} 64 \div x &= 8 \\ x &= 64 \div 8 \\ x &= 8 \\ 64 \div 8 &= 8 \\ 8 &= 8 \end{aligned}$$

$$64 \div x = 8$$

bo'linma
bo'linuvchi
noma'lum

2.  Tenglamalarni yechamiz.

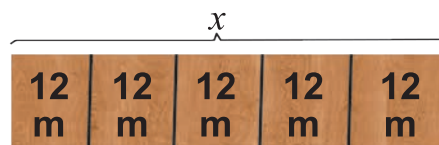
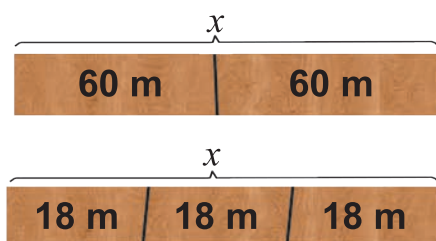
$$y \div 3 = 60$$

$$x \div 5 = 35$$

$$a \div 7 = 84$$

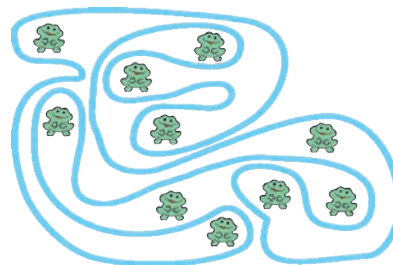
$$x \div 15 = 9$$

3.  Har bir taxtaning umumiy uzunligi nechaga teng?



4.  Rasmda hovuz va bir nechta qurbaqa ko'rsatilgan.

Bu qurbaqalarning nechtasi hovuzda o'tiribdi?



5.  Marraga kim birinchi boradi?

Boshlash

$2 \times x = 26$	$88 \div x = 11$	$15 \times x = 45$	$7 \times x = 84$	$90 \div x = 9$
$x = 13$	$x = 18$	$x = 8$	$x = 3$	$x = 6$
$x \div 4 = 9$	$x = 9$	$x = 9$	$x = 12$	$x = 2$
$x = 36$	$42 \div x = 7$	$6 \times x = 54$	$45 \div x = 9$	$66 \div x = 6$
$x = 36$	$x = 160$	$x = 10$	$x = 9$	$x = 11$
$54 \div x = 6$	$x \div 8 = 20$	$9 \times x = 45$	$x \times 5 = 70$	$34 \div x = 17$
$x = 8$	$x = 5$	$x = 8$	$x = 2$	
$x = 9$	$x = 34$	$x = 2$	$x = 14$	$x = 4$
$x \times 12 = 60$	$x \div 7 = 9$	$16 \times x = 32$	$4 \times x = 48$	Marra
$x = 5$	$x = 63$	$x = 3$	$x = 12$	

6.  Noma'lumlarni topamiz.

$$\begin{array}{r} 323 \\ + 117 \\ \hline \end{array}$$

$$\begin{array}{r} 738 \\ + 125 \\ \hline \end{array}$$

$$\begin{array}{r} 565 \\ + 435 \\ \hline \end{array}$$

7-bob.
12-dars

Tenglamalar

1.  Bahrom bir son o'yladi. Uni 7 ga ko'paytirib, 25 ni qo'shsa, 900 soni hosil bo'ldi. Bahrom qaysi sonni o'ylagan?
2.  Noma'lum bo'luvchi qanday topilgan?



$$900 \div x = 9$$

$$\begin{array}{l} 500 \div x = 100 \\ x = 500 \div 100 \\ x = 5 \\ 500 \div 5 = 100 \\ 100 = 100 \end{array}$$

$$600 \div x = 100$$

$$500 \div x = 100$$

bo'linma
bo'linuvchi
bo'luvchi

$$200 \div x = 2$$

3.  Kutubxonaga keltirilgan 900 ta badiiy kitob bir nechta javonga 100 tadan qilib joylandi. Javonlar soni qancha? Tenglama tuzib, yechamiz.

4.  Bo'luvchini topamiz.

$$800 \div x = 8$$

$$84 \div x = 14$$

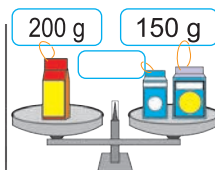
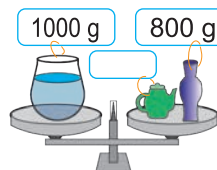
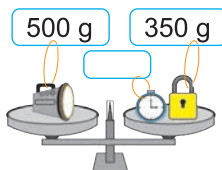
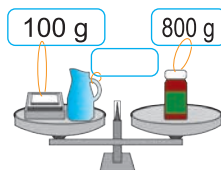
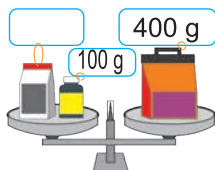
$$96 \div x = 6$$

$$100 \div x = 1$$

$$78 \div x = 13$$

$$90 \div x = 10$$

5.  Narsalarning massasi qancha?



6.  Jamila 12 nafar do'stiga xat yuborishga qaror qildi. Xatlarning yarmi 1 betli, qolgani esa 2 betli. Jamilaga jami necha bet qog'oz kerak bo'ladi?

7.  Tenglamalarni yechamiz.

$$88 \div x = 11$$

$$200 \div x = 10$$

$$72 \div x = 6$$

$$500 \div y = 5$$

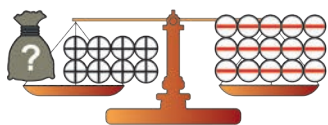
$$69 \div x = 3$$

$$300 \div x = 100$$

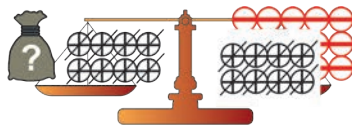
7-bob.
13-dars

Tenglamalar

1.  Tenglamalarni yechamiz.



$$x + 80 = 150$$



$$x = 150 - 80$$



$$x = 70$$

$$x + 125 = 400 \quad 342 + x = 650 \quad 630 + y = 1000 \quad 1000 + x = 1000$$

2.  Tenglamalarni yechamiz.

$$690 - x = 230$$

$$d \div 9 = 53$$

$$595 \div x = 7$$

$$y + 560 = 700$$

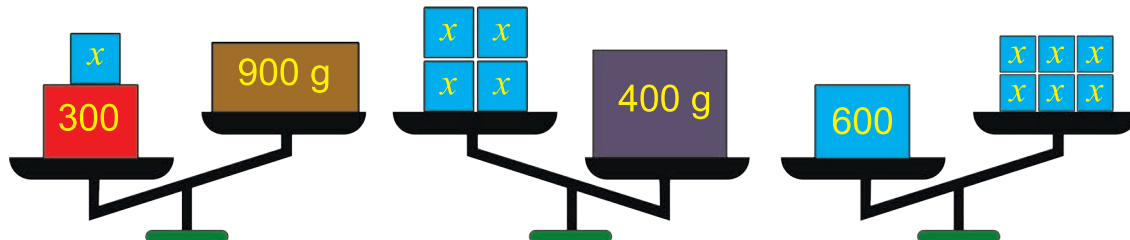
3.  Noma'lumlarni topamiz.

$$\frac{1}{12} + x = \frac{7}{12}$$

$$\frac{7}{9} - x = \frac{2}{9}$$

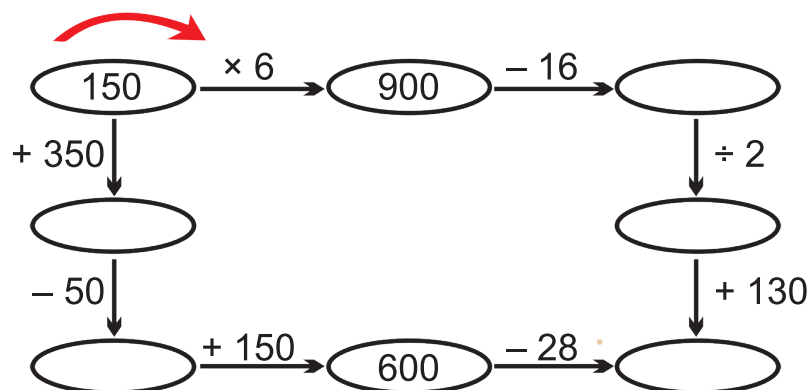
$$\frac{10}{11} - x = \frac{6}{11}$$

4.  Noma'lum og'irliklarni topamiz.



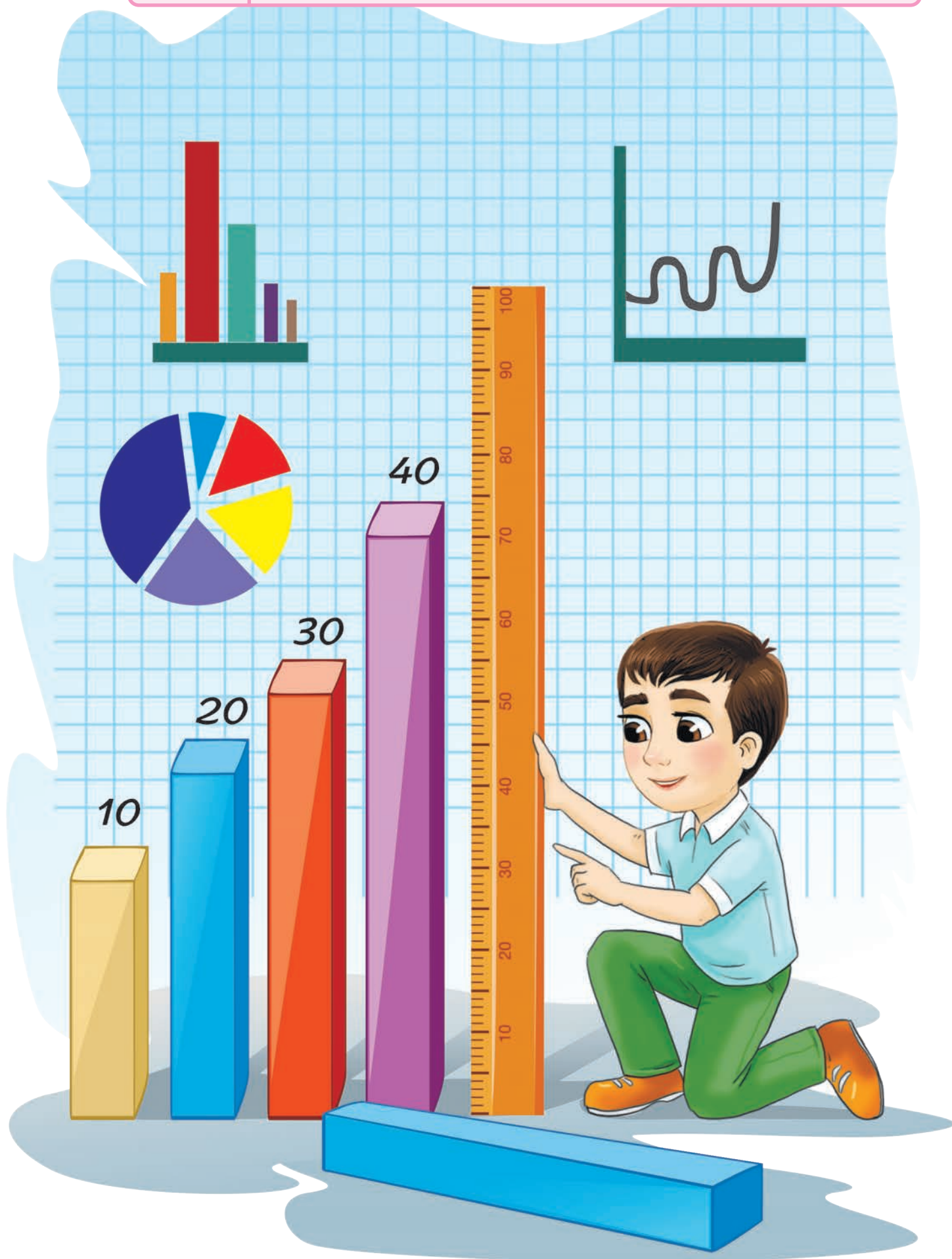
5.  Ombordagi 900 kg guruch 100 kg dan bir nechta do'konlarga jo'natildi. Agar guruchlar 2 tadan qopda tarqatilgan bo'lsa, har bir qopda necha kg dan guruch bor? Jami guruchlar necha qopga joylangan?

6.  Hisoblaymiz.



8-BOB

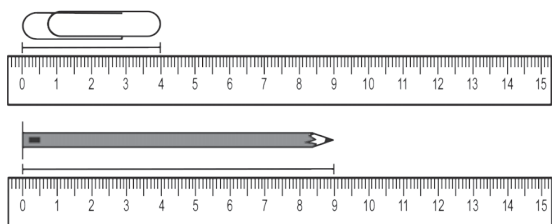
MA'LUMOTLAR BILAN ISHLASH



8-bob. 1-dars

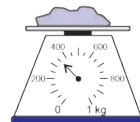
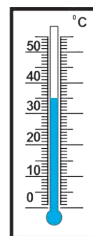
Shkalalar

1.  Narsalarning uzunligini aniqlaymiz.

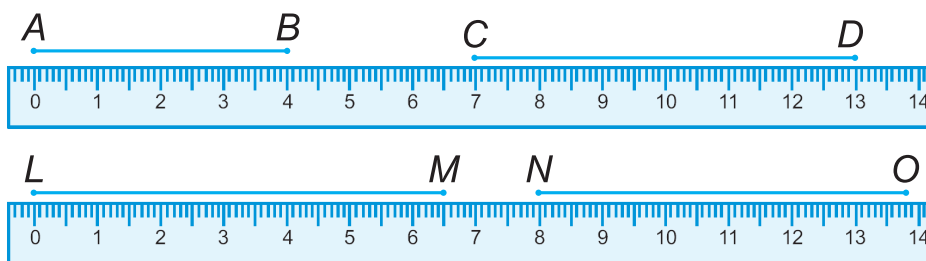


Chizg'ichdagi chiziqcha va sonlar birgalikda shkalani hosil qiladi.

Bunday shkalalarni yana qayerlarda uchratgansiz?

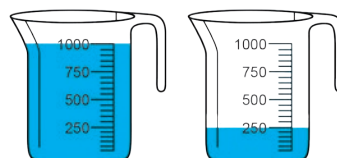


2.  Kesmalar uzunligi necha santimetr? Ularni millimetrda ifodalaymiz.

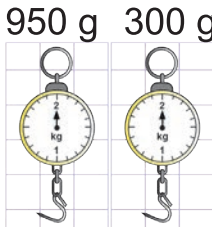
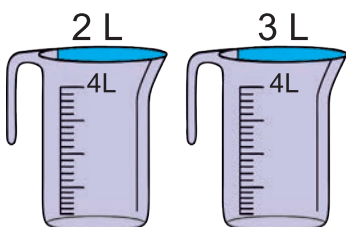


3.  290 g shakar solingan bankaning massasi 320 g. Salim ozroq shakar ishlatgandan so'ng, bankaning umumiy massasi 400 g ni tashkil etdi. Idishda qolgan shakarining massasi necha g? Yechimni shkala yordamida tushuntiramiz.

4.  Shkalalarga qarab idishlarning sig'imini topamiz. Birinchi idishdagi suv ikkinchi idishdagi suvdan qancha ko'p?

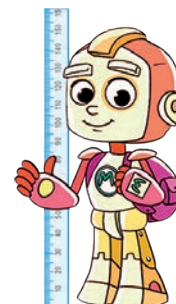
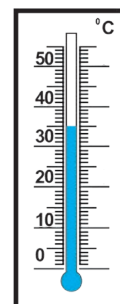


5.  2 L 3 L 4L 4L 950 g 300 g



Idishlar hamda tarozilarda ko'rsatilgan o'lchovlarni belgilaymiz.

6.  O'lchash asboblari qaysi sonni ko'rsatmoqda? Ulardan nimalarni o'lchashda foydalanamiz?

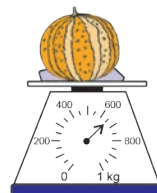
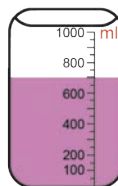


8-bob.
2-dars

Shkalalar

1.  Har bir asbob bitta bo'limasining qiymati nimaga teng?

O'lchanayotgan kattaliklar qiymatini topamiz.

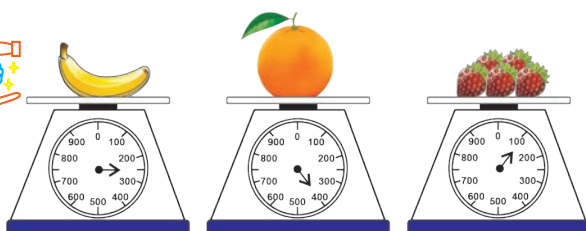


2.  Chizg'ich rasmini chizamiz va unda berilgan o'lchovlarni belgilaymiz.

8 cm 3 mm 12 cm 9 cm 5 mm



3.



O'lchanayotgan mevalar necha gramm? Ularning jami massasi qancha? Nechta qulupnay bitta apelsinning massasiga teng?

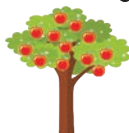
Nechta bananning massasi qulupnaylar massasidan 5 marta ko'p?

4.



Qaysi vaziyat berilgan temperaturaga mos?

0° C



32° C



100° C



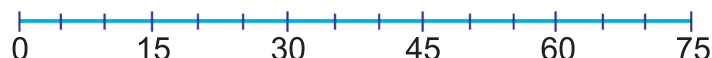
20° C



5.



Shkalalarning bitta bo'limasi qiymatini aniqlang.



6.



Spidometr qanday o'lchovni ko'rsatmoqda? Ular qanday holatda?



7.



$$725 + 90 \div 15$$

$$1000 - 84 \times 6$$

$$(972 - 482) \div 7$$

$$6 \times (683 - 579)$$

$$280 \div 4 + 142 \times 4$$

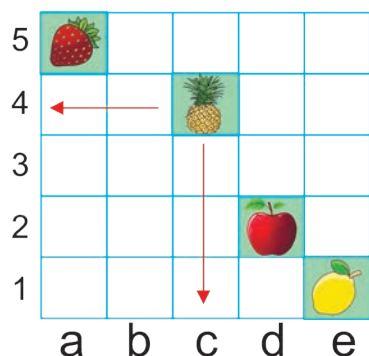
$$178 \times 4 + 720 \div 6$$

8-bob. 3-dars

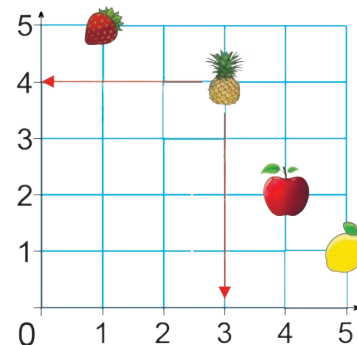
Koordinata burchagi

1.  Ananas o'rnini aniqlaymiz. Qolgan mevalar qaysi katakda joylashgan?

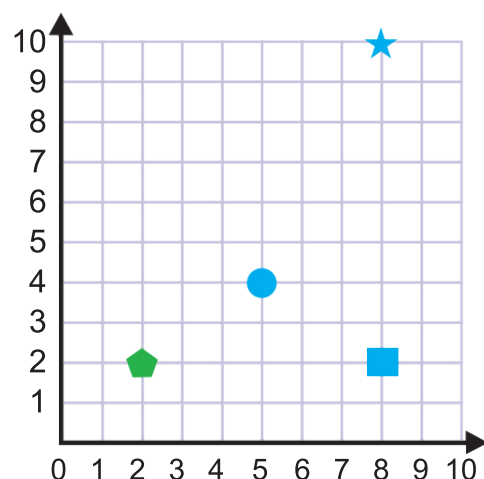
Berilgan jadval o'lchamlarini istalgancha olib, qator va ustunlarni sonlar yordamida belgilash mumkin.



Hosil bo'lgan shaklni **koordinatalar burchagi** deymiz. Masalan: ananas joylashgan o'rin (yoki koordinatasi) (3; 4). 3 – gorizontal nurda, 4 – vertikal nurda joylashgan.

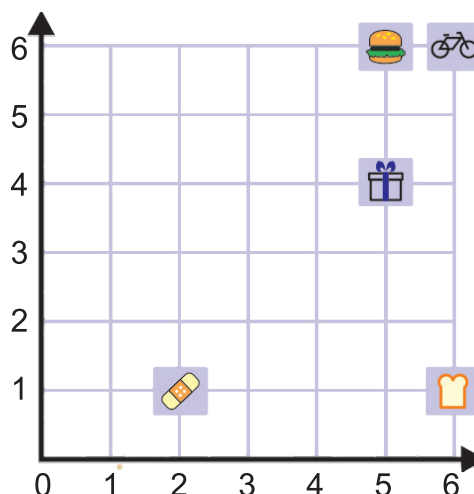
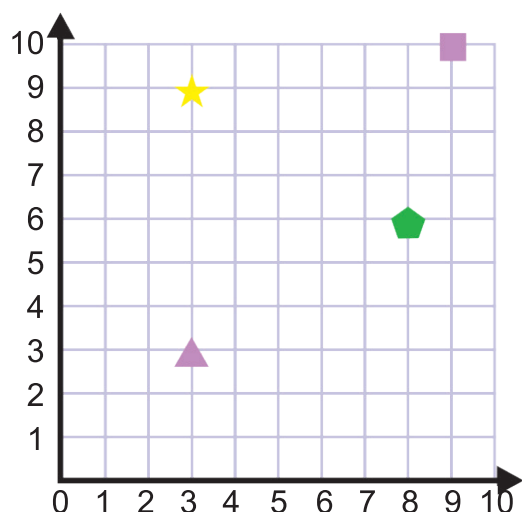


2.  Shakllarning koordinata burchagidagi joylashuv o'rnini topamiz.

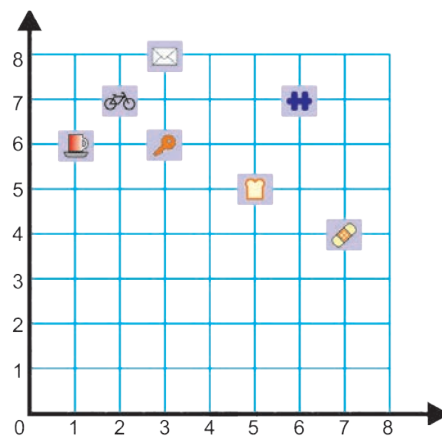
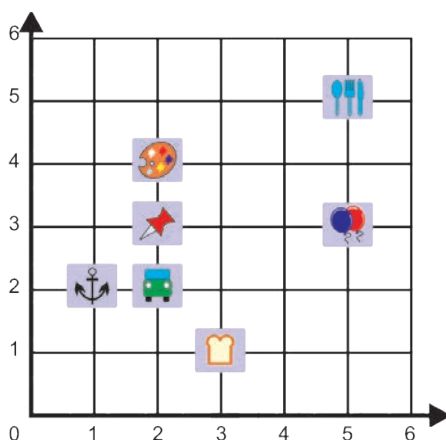


- ★ – shakl (___ ; ___) nuqtada joylashgan.
- ⬠ – shakl (___ ; ___) nuqtada joylashgan.
- – shakl (___ ; ___) nuqtada joylashgan.
- – shakl (___ ; ___) nuqtada joylashgan.

3.  Koordinata burchagini chizamiz va shakllarning joylashuv o'rnini belgilaymiz.

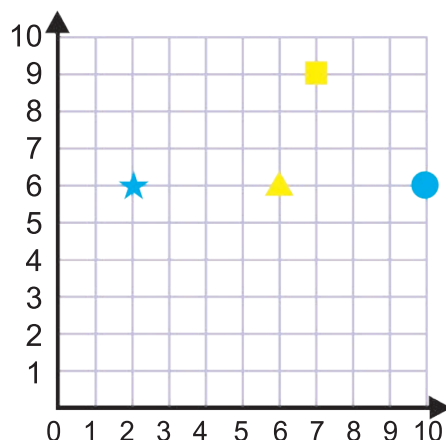
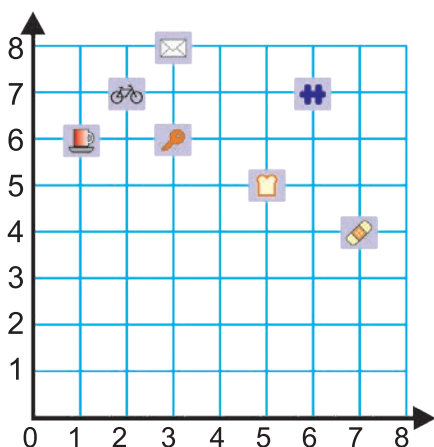


4.  $(3; 1), (2; 4), (5; 5), (6; 7), (1; 6), (3; 6), (7; 4)$ nuqtalarda qaysi narsalar joylashganini aniqlaymiz.



5.  Javlon shashka taxtasida o'yin o'ynamoqda. Uning shashka donasi D5 katakda turibdi. Shashka donasini G7 katakka surish uchun qanday harakatlarni bajarish kerak?

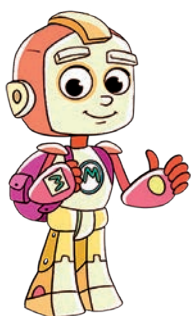
6.  Koordinata burchagida joylashgan narsalarning o'rnini belgilaymiz.



8-bob. 4-dars

Koordinata burchagi

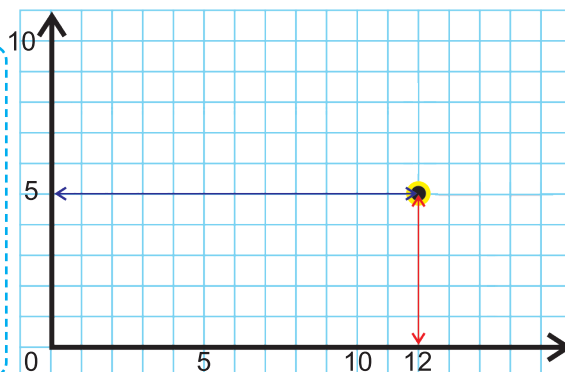
1.  Koordinatalaridan foydalanib nuqta qayerda joylashganini aniqlaymiz.



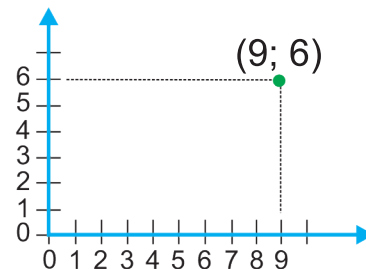
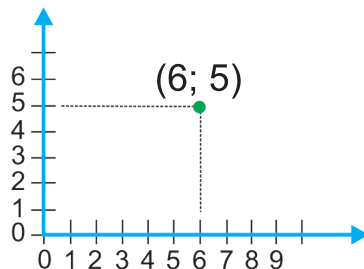
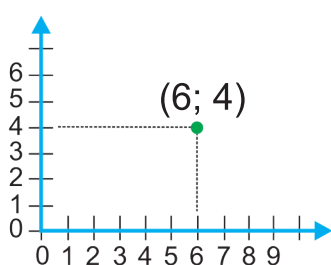
Koordinatalar har doim ma'lum bir tartibda yoziladi:
 $(12; 5)$.

12 – gorizontal masofa;

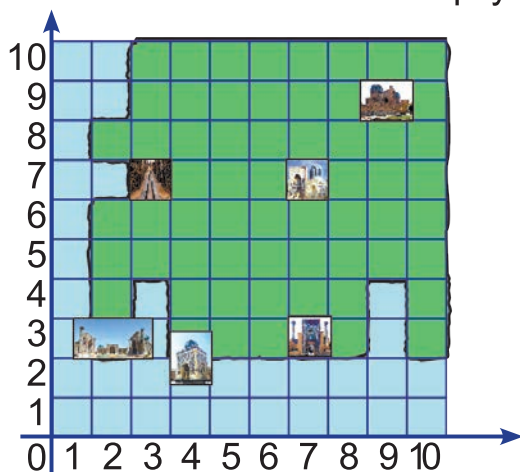
5 – vertikal masofa.



2.  Gorizonttal va vertikal chiziqlarda joylashgan sonlarni belgilaymiz.

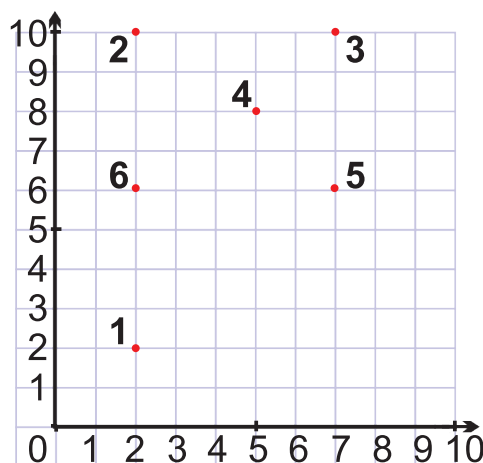


3.  1-rasmdagi tarixiy binolar hamda 2-rasmdagi hayvonlarning koordinatalarini aniqlaymiz.



4.  Konsert saroyida 15 qator o'rin bor. Har bir qatordagi o'rindiqlar 1 dan 24 gacha raqamlangan bo'lsa, 9 raqami jami necha marta ishlatilgan?

5.  Bayroqcha rasmini koordinata burchagida chizamiz.

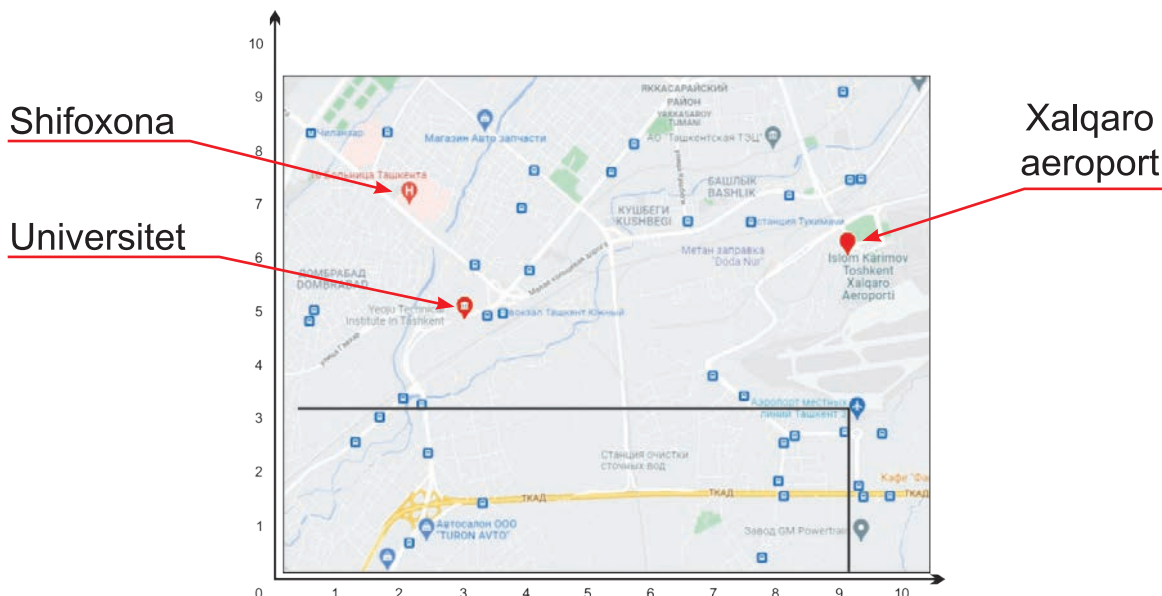


6.  Koordinata burchagini chizamiz, unda $(6; 1)$, $(6; 4)$, $(4; 6)$, $(2; 4)$, $(2; 1)$, $(6; 1)$ nuqtalarni belgilab ketma-ket tutashtirsak, qanday shakl hosil bo'ladi?

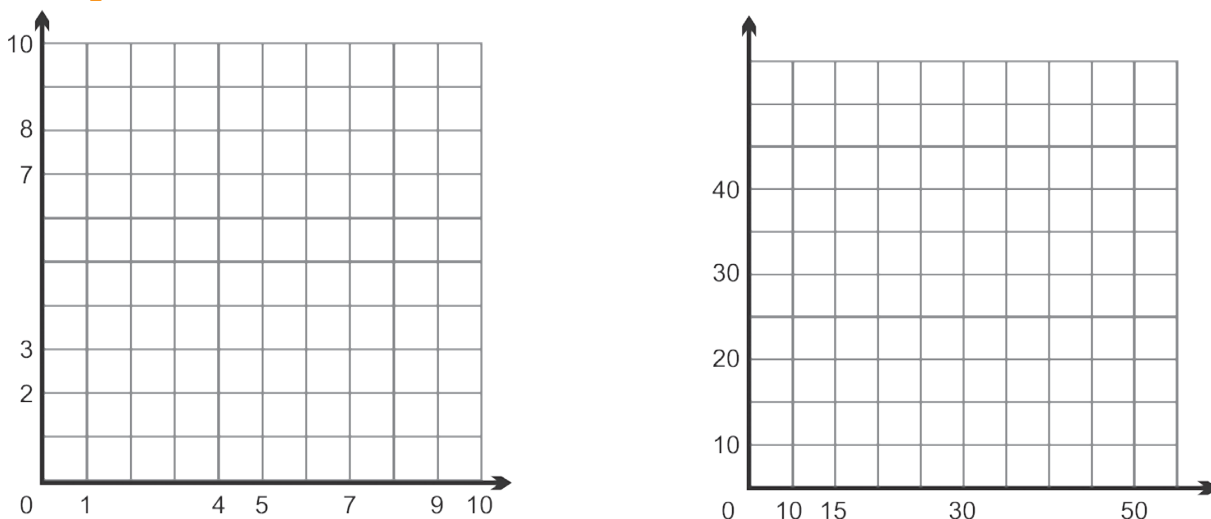
**8-bob.
5-dars**

Koordinata burchagi

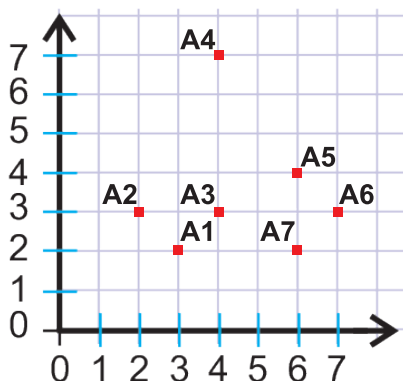
1.  Namuna asosida qizil bilan belgilangan manzillarning koordinatlarini belgilaymiz.



2.  Koordinata burchagidagi shkalalarni tartiblaymiz.



3.  Nuqtalarni tutashtiramiz, ularning koordinatlarini belgilaymiz. Qanday shakl hosil bo'ldi?





5 ball



14 ball



? ball



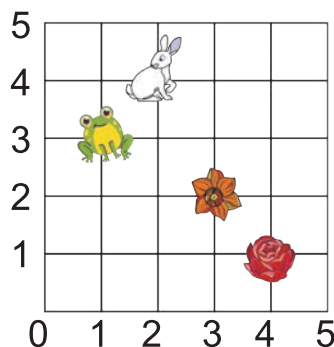
Koordinatalar burchagida harflarni belgilaymiz.

A = (7; 5) C = (3; 6) E = (2; 2) G = (9; 6)
I = (1; 4) B = (7; 5) D = (7; 5) A = (7; 5)

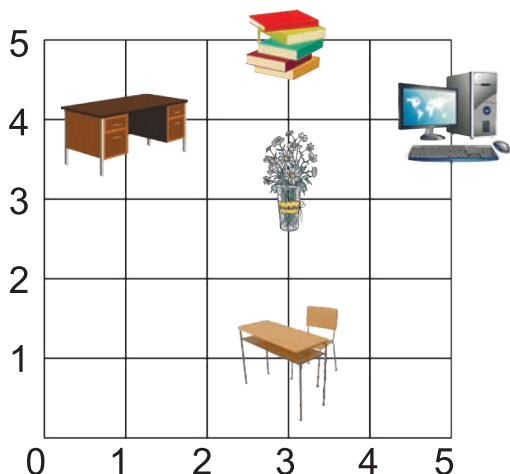


Koordinatalarga mos rasmni tanlang.

(1; 3)			
(4; 1)			
(2; 4)			
(3; 2)			



Namunaga qarab davom ettiring.



1. (3; 1)

Parta

2. (3; 5)

3. (5; 4)

4. (1; 4)

5. (3; 3)

8-bob.
6-dars

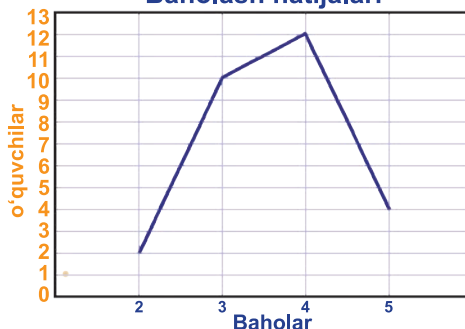
Diagrammalar

1. Nazorat ishining baholash natijalarini koordinata burchagida joylashtiramiz.

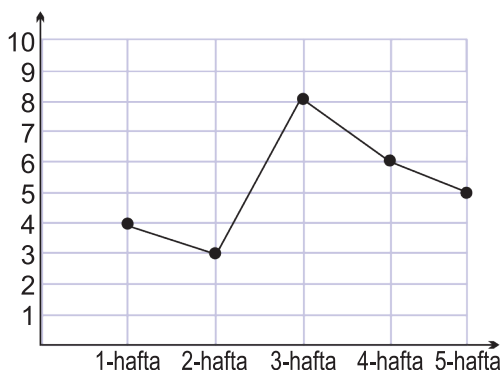
Baho	5	4	3	2
Soni	4	12	10	2

Mos nuqtalarni koordinata burchagida belgilab, ularni ketma-ket tutashtirganda chiziqli diagramma hosil bo'ladi.

Baholash natijalari



2.  Savollarga javob beramiz. Aziza kutubxonadan 5 hafta davomida olgan jami kitoblar sonini aniqlaymiz.



- 4-haftada nechta kitob oldi?
- Aziza qaysi haftada 6 ta kitob oldi?
- 2-haftadan ko'ra 1-haftada nechta ko'p kitob olindi?
- Aziza qaysi haftada eng ko'p kitob oldi?
- Aziza qaysi haftada eng kam kitob oldi?

3.  Olim 5 kun davomidagi olma pirogi savdosining diagrammasini tuzdi. Savollarga javob beramiz.

- Olim 2-kuni nechta olma pirogi sotdi?
- Qaysi kuni u 6 ta pirog sotdi?
- Qaysi kuni u eng ko'p pirog sotgan?

				
				
				
				
				
1-kuni	2-kuni	3-kuni	4-kuni	5-kuni

4.  50 litr sutni 1 litrli va 3 litrli idishlarga quyish uchun eng ko'pi bilan nechta 3 litrli idish kerak bo'ladi?

5. 

Oylar	Mashg'ulotlar soni
Yanvar	8
Fevral	7
Mart	6
April	10
May	5

Gulnoza 5 oy davomidagi balet mashg'ulotlari sonini yozdi. Berilgan ma'lumotlardan foydalanib chiziqli diagramma chizamiz.

6.  Oila a'zolaringiz yoshini chiziqli diagrammada ifodalang.

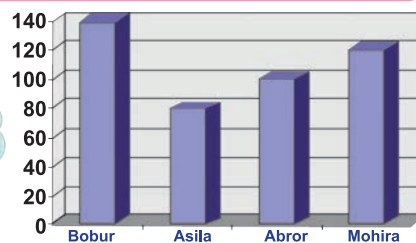
8-bob. 7-dars

Diagrammalar

1.  O'quvchilarning bo'ylarini taqqoslaymiz. Savollarga javob beramiz.

- Kimning bo'yi eng uzun?
- Kimning bo'yi eng past?
- Abrorning bo'yi kimdan baland, kimlardan past?
- Kimning bo'yi Boburdan past, Abrordan baland?
- Bobur bilan Asilaning bo'yi qanchaga farq qilyapti?

Bu ustunli diagrammadir.



2.

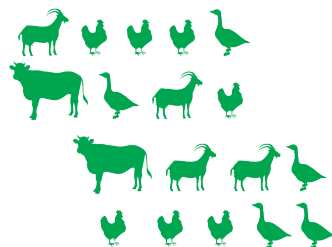
- Nechta oʻrdak bor?

– Qaysi hayvon eng ko'pi?

– Tovuglar oʻrdaklardan qanchaga farq qilyapti?

– Qaysi hayvon eng kami?

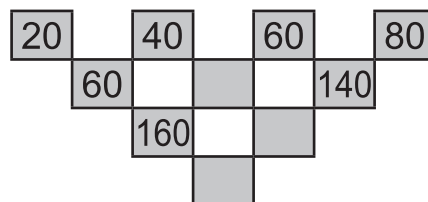
– Har bir hayvon sonini aniqlang va diagrammadagi ma’lumotlar bilan solishtiring. 7 



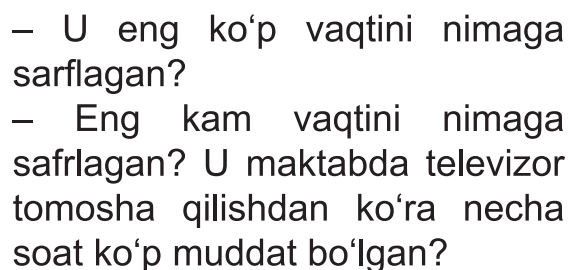
3.

	Tarjima vidjeti	Ob-havo vidjeti	Foto vidjeti	Navigator vidjeti	Taqvim vidjeti
Odamlar	35	30	10	40	25

4.



5.



6.

Diagrammadan foydalanib savollarga javob beramiz.

- Qaysi asbob eng ko‘p ovoz oldi?

– Qaysi asbob beshta ovoz oldi?

– Gitara olgan ovozlarning soni doʻmbiranikidan nechtaga koʻp?

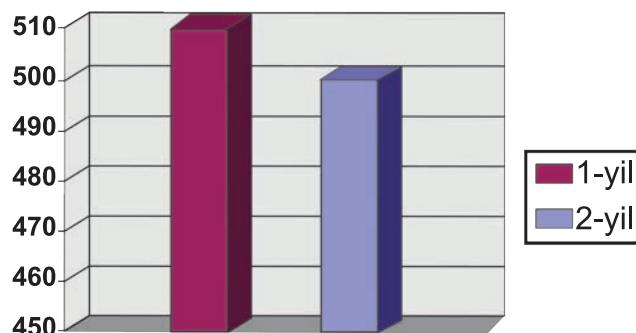
– Pianino va nay qancha ovozga ega? Ular tengmi?



8-bob.
8-dars

Diagrammalar

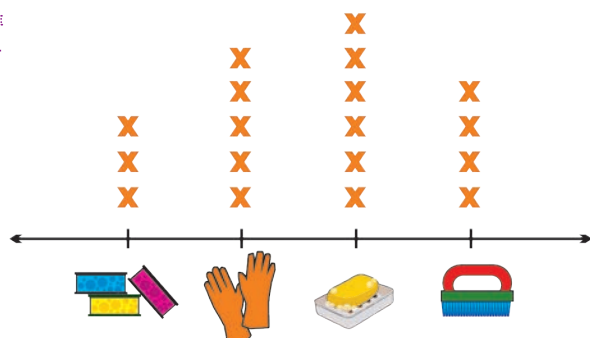
1.  Diagrammada ikki yilda sotilgan avtomobillar haqida ma'lumot berilgan. Muxlisa diagrammaga qarab shunday dedi: «1-yilga nisbatan 2-yilda sotilgan avtomobillar soni keskin oshgan». Muxlisa to'g'ri xulosa chiqardimi? Nima uchun?



2.  Ma'lumotdan foydalanib ustunli diagramma tuzamiz.

5	9	8	8
			

3. 



Narsalarning sonini aniqlab, ustunli diagrammada ifodalaymiz.

4. 

Noma'lum sonlarni aniqlaymiz.

$$\begin{aligned} & \boxed{10} + \boxed{} - \boxed{20} = 40 \\ & \times \quad \times \quad \times \\ & \boxed{} \div \boxed{4} \times \boxed{} = 42 \\ & - \quad \div \quad \times \\ & \boxed{60} \times \boxed{} - \boxed{3} = 297 \\ & = \quad = \quad = \\ & 60 \quad 40 \quad 840 \end{aligned}$$

5. 

Bo'sh kataklarni to'ldiramiz.

$$\frac{6}{7} - \frac{5}{7} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{10}{10} - \frac{\boxed{}}{10} = \frac{3}{10}$$

$$\frac{8}{9} - \frac{\boxed{}}{\boxed{}} = \frac{4}{9}$$

$$\frac{7}{12} - \frac{6}{12} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{\boxed{}}{\boxed{}} - \frac{3}{11} = \frac{5}{11}$$

$$\frac{4}{5} - \frac{2}{5} = \frac{\boxed{}}{\boxed{}}$$

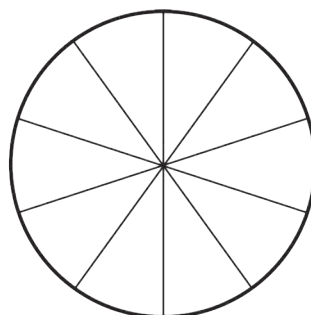
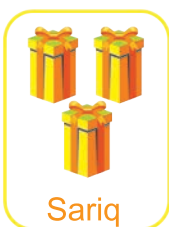
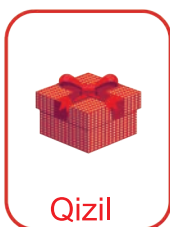
6. 

Sotuvchi bir kunda 10 kg kartoshka, 5 kg piyoz, 8 kg sabzi, 2 kg lavlagi sotdi. Berilgan ma'lumotlarni ustunli diagrammada ifodalang.

8-bob.
9-dars

Ma'lumotlarni turli ko'rinishlarda ifodalash

1. Sovg'a qutilari necha xil rangda? Ularning soni va rangiga qarab doira bo'laklarini bo'yaymiz.



- 2.

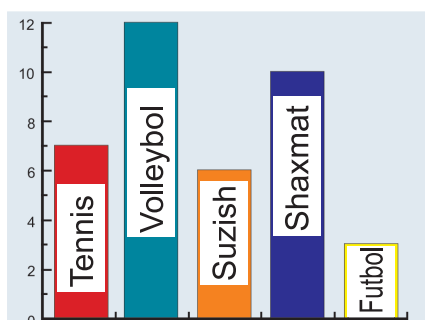
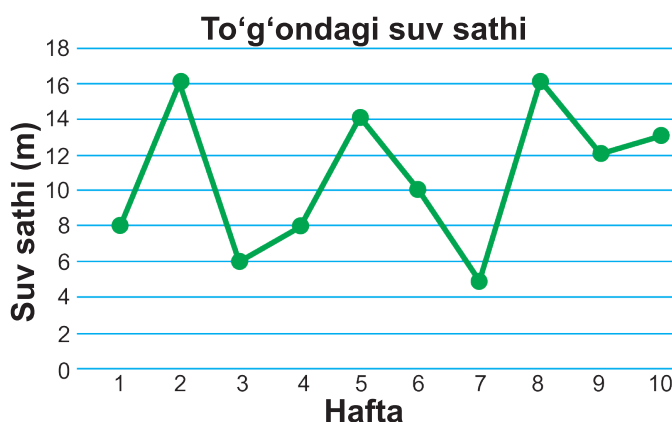


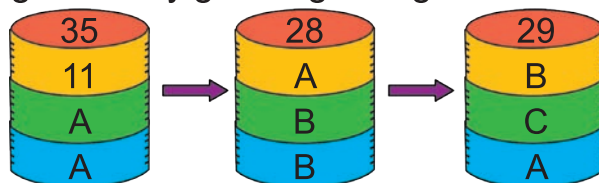
Diagramma asosida sport turlariga qatnashuvchi bolalarning sonini aytamiz. Qaysi sport turiga eng ko'p o'quvchi qatnashgan?

3. Ushbu grafikda to'g'ondagi suv sathining 10 haftalik ko'rsatkichi ifodalangan. Grafikni chizamiz va savollarga javob beramiz.

- 8-haftada suv sathi qancha bo'lgan?
- Qaysi haftada suv eng kam bo'lgan?
- Qaysi haftalarda suv sathi balandligi teng bo'lgan?



4. Har bir harfning qiymatini topamiz. Ustunlarning yuqori qismidagi son ustunlardagi harflar yig'indisiga teng.



5. Hisoblaymiz.

$$400 - 240 \div 6 + 14$$

$$136 + 96 \div 16 \times 87$$

$$1000 - 844 \div 2 + 192 \div 4$$

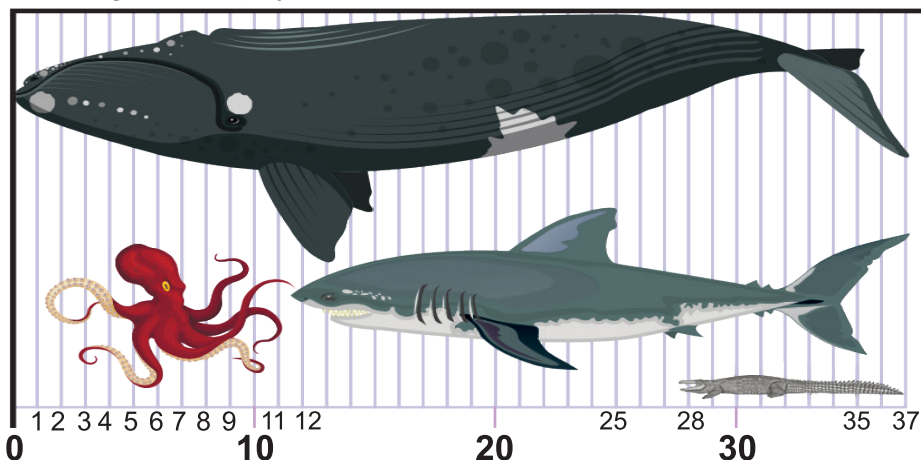
$$1000 \div 5 + 181 \times 3 - 140$$

6. Sinfdagi o'quvchilarning 17 nafari fan to'garaklariga, 8 nafari sport to'garaklariga, 6 nafari hunarmandchilik to'garagiga qatnashadi. Ma'lumotlarni ustunli diagrammada ifodalaymiz.

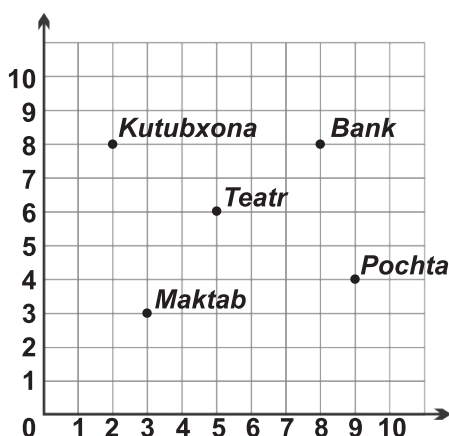
8-bob.
10-dars

Ma'lumotlarni turli ko'rinishlarda ifodalash

1.  Rasmda dengiz hayvonlari ko'rsatilgan. Ushbu hayvonlarning uzunligini aniqlaymiz.



2. 



Belgilangan manzillarning koordinatalarini topamiz.

3.  Katakchalar o'rniga «x», «÷», «+», «-» amallaridan mosini qo'yamiz va natijaga erishamiz.

$$6 \square 1 \square 2 \square 2 = 5$$

$$6 \square 1 \square 2 \square 2 = 5$$

$$6 \square 1 \square 2 \square 2 = 5$$

4.  Sobir 100 sonini ikki qismga ajratdi. Keyin ulardan birini boshqasiga bo'ldi. Bo'linma to'rt chiqdi. Sobir 100 sonini qanday qismlarga ajratdi?

5.  Odamning bir kunlik ovqat ratsionida oqsillar 120 grammni, uglevodlar 400 grammni, yog'lar esa 100 grammni tashkil etishi kerak. Bu ma'lumotlardan foydalanib ustunli diagramma chizamiz.

6.  Smartfondagi ob-havo vidjeti yordamida bir haftalik ob-havo ma'lumoti jadvalini tuzamiz va uni ustunli diagrammada tasvirlaymiz.

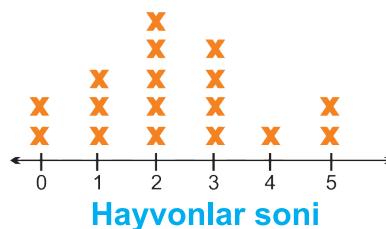
Kunlar	Dushanba	Seshanba	Chorshanba	Payshanba	Juma	Shanba	Yakshanba
Harorat							

8-bob. 11-dars

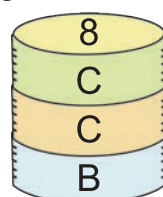
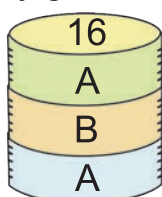
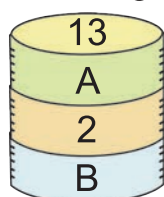
Ma'lumotlarni turli ko'rinishlarda ifodalash

1.  Bir guruh bolalar orasida uy hayvonlari soni haqida so'rovnoma o'tkazishdi. Diagrammani o'rganing va quyidagi savollarga javob bering.

- Nechta bolaning 3 ta uy hayvoni bor?
- Nechta bolada uy hayvonlari yo'q?
- Nechta bolaning 2 tadan ortiq uy hayvoni bor?
- Qancha bola o'rtasida so'rov o'tkazildi?



2.  Har bir harfning qiymatini topamiz. Ustunlarning yuqori qismidagi son ustunlardagi harflar yig'indisiga teng.



3.  So'roq belgisini qaysi son bilan almashtirish mantiqan to'g'ri bo'ladi?

26

34

41

49

56

?

4.  Berilgan jadval asosida savollarga javob yozamiz.

No	Jamoalar	O'yin	Yutuq	Durang	Mag'lubiyat	Ochko
1	Paxtakor	17	14	2	1	44
2	OTMK	19	12	6	1	42
3	Nasaf	19	10	7	2	37
4	Metallurg	18	9	3	6	30
5	Qo'qon-1912	18	9	2	7	29
6	Bunyodkor	17	8	5	4	29

- Har bir jamoa nechtdan o'yin o'tkazgan?
- Jamoalarning ochkosi to'g'ri hisoblanganmi?
- Ochkolar qanday hisoblangan?

5.  Hisoblaymiz.

$$800 - 420 \div 7 + 170$$

$$964 \div 4 + 125 \times 3$$

$$248 + 84 \div 14 \times 50$$

$$200 \times 5 - 371 \times 2$$

6.  Adiba haftalik yog'in miqdori haqida ma'lumot to'pladi. Ma'lumotlarni chiziqli grafikda ifodalaymiz.

Yog'in miqdori							
Kunlar	Dushanba	Seshanba	Chorshanba	Payshanba	Juma	Shanba	Yakshanba
Miqdor (mm)	2	2	3	6	8	9	9

8-bob.
12-dars
Ma'lumotlarni turli ko'rinishlarda ifodalash

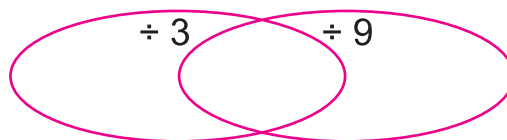
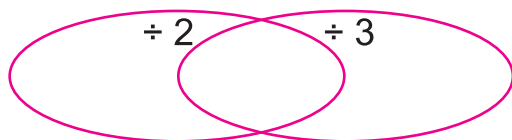
1.  Sinf o'quvchilari o'rtasida ularning sevimli fanlari haqida so'rovnomani o'tkazamiz. Yig'ilgan ma'lumotlarni yozib, ustunli diagramma tuzamiz.

Fanlar	Matematika	Tabiiy fan	Ona tili va o'qish savodxonligi	Ingliz tili	Rus tili
Soni					

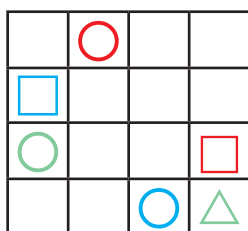
2.  Venn diagrammasini tuzamiz.

6, 8, 9, 12, 14, 15, 16, 18, 21.

9, 12, 15, 18, 21, 27.



3. 



Har bir qatorda va ustunda 4 ta shakl (kvadrat, to'rtburchak, uchburchak, doira) va 4 ta rang (qizil, sariq, yashil, ko'k) bo'lishi kerak. Shakllarni shunday joylashtiringki, bir xil shakl va rang yonma-yon kelmasin.

4.  Sudoku jadvalini to'ldiramiz. Har bir satrda va ustunda 1 dan 5 gacha bo'lgan sonlar faqat 1 marta ishtirok etsin.

5	4	1	2		2	3	5	1	4	4	5	3	1		2	5	4	3	
2	3	5	4		5	1	4	2	3		3	1	2	4	4	3		2	5
4	1	2	3		4	2	3	5	1						1	2	5		3
3	5	4	1								2	4	5	3		4	3	1	2
1	2	3	5		3	5	1	4	2	1	2	4	5		3		2	5	4

5.  Jadval bir hafta davomida har kuni muzeyga keladigan odamlar sonini ko'rsatadi. Jadval asosida ustunli diagramma chizamiz va savollarga javob yozamiz.

- Eng ko'p tashrif qaysi kuni bo'lgan?
- Eng kam tashrif qaysi kuni bo'lgan?
- Bir haftada jami nechta odam tashrif buyurgan?

Kunlar	Odamlar soni
Seshanba	15
Chorshanba	35
Payshanba	83
Juma	90
Shanba	42
Yakshanba	51

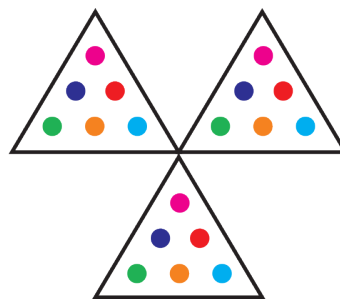
6.  Rasmda berilgan ma'lumotlar asosida ustunli diagramma tuzamiz.

7 	10 	9 	8 
--	---	---	--

**8-bob.
13-dars**

Ma'lumotlarni turli ko'rinishlarda ifodalash

1.  Umida kostyum uchun uchburchak va munchoqlar bilan dizayn yaratmoqda. Uning dizaynida har bir naqsh uchun 3 ta uchburchak va 18 ta munchoq kerak bo'ladi. Umida jami 72 ta uchburchakdan foydalandi. U qancha munchoq ishlatadi? Masalani yechish uchun quyidagi rasm-dan foydalaning.



2.  Ketma-ketlikni davom ettiring.

2	12								
10	14								
5	10								
8	16								
4	8								

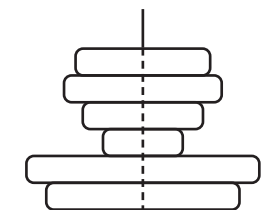
3. 



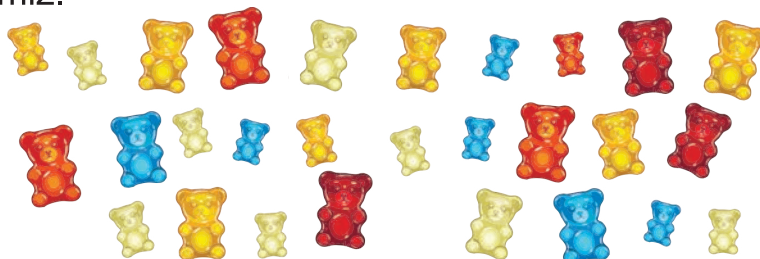
Masalani yeching.

Oshpaz 5 kilogrammli hamda 10 kilo-grammli qoplardan tanlab, 35 kg un sotib olishi kerak. U 35 kg unni necha xil usul bilan sotib olishi mumkin?

4.  Dilorom rasmda ko'rsatilgandek halqalardan piramida yasab, yuqoridan qarasa, nechta halqani ko'ra oladi?



5.  O'yinchoq ayiqchalarni rangi va shakli bo'yicha guruhlar-ga ajratamiz.

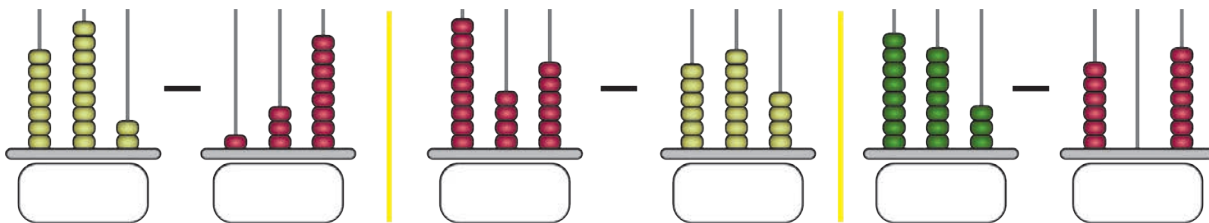


6.  7 kun davomida har kecha necha soat uxlaganingizni yozib boring va chiziqli diagramma yarating.

Kunlar	Dushanba	Seshanba	Chorshanba	Payshanba	Juma	Shanba	Yakshanba
Soat							

TAKRORLASH

1. Model asosida ifoda tuzib, qiymatini topamiz.



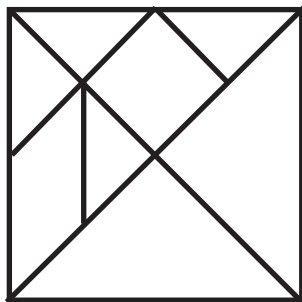
2. 105 soni so'zlarda qanday ifodalanadi? To'g'ri javobni tanlaymiz.

Besh yuz besh **o'n va besh** **bir yuz besh** **bir nol besh**

3. Hisoblaymiz.

$145 + 55$	$123 - 122$	$667 + 11$	$653 - 132$	$284 + 32$
$321 + 43$	$476 - 130$	$882 + 18$	$884 - 262$	$704 - 302$

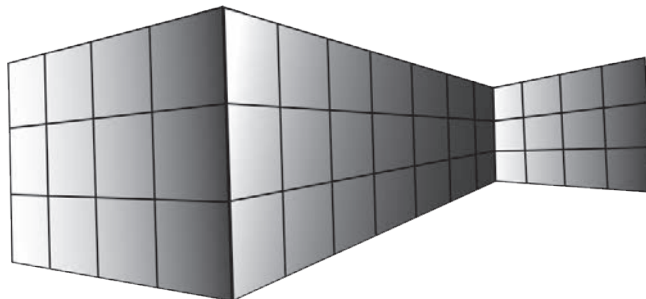
4. Rasmda qanday shakllarni ko'ryapsiz? Ular nechtdan?



5. Hisoblaymiz.

$\begin{array}{r} 133 \\ - \square \\ \hline 39 \end{array}$	$\begin{array}{r} 125 \\ - \square \\ \hline 56 \end{array}$	$\begin{array}{r} 106 \\ - \square \\ \hline 93 \end{array}$	$\begin{array}{r} 103 \\ - \square \\ \hline 81 \end{array}$	$\begin{array}{r} 111 \\ - \square \\ \hline 53 \end{array}$	$\begin{array}{r} 150 \\ - \square \\ \hline 55 \end{array}$	$\begin{array}{r} 120 \\ - \square \\ \hline 75 \end{array}$
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6. Devorning yuzini qanday hisoblaymiz? U qanchaga teng?

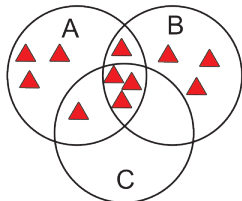


7. Oyning toq kunlarida yomg'ir yog'di, juft kunlari quyoshli bo'ldi. Agar bu ob-havo mart oyida kuzatilgan bo'lsa, necha kun yomg'irli bo'lgan?

8. Bo'sh kataklarga mos sonlarni topamiz.

$$\begin{array}{r} \boxed{25} \\ \times \boxed{} \\ \hline 100 \end{array} \quad \begin{array}{r} \boxed{2} \boxed{} \\ \times \boxed{9} \\ \hline 180 \end{array} \quad \begin{array}{r} \boxed{40} \\ \times \boxed{} \\ \hline 200 \end{array} \quad \begin{array}{r} \boxed{} \boxed{5} \\ \times \boxed{6} \\ \hline 210 \end{array} \quad \begin{array}{r} \boxed{19} \\ \times \boxed{} \\ \hline 133 \end{array} \quad \begin{array}{r} \boxed{} \boxed{2} \\ \times \boxed{4} \\ \hline 208 \end{array} \quad \begin{array}{r} \boxed{67} \\ \times \boxed{} \\ \hline 201 \end{array}$$

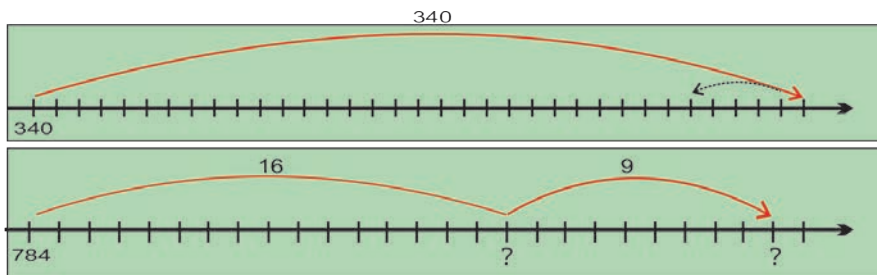
9. Rasmda ko'rsatilgan A, B va C doiralardan qaysi biri eng ko'p uchburchakka ega?



10. Qaysi vaqt yetishmayapti? Topamiz.



11. Sonlar nuri asosida ifoda tuzamiz va hisoblaymiz.



12. Nodira haftaning har juma kuni kutubxonaga borib, 30 sahifa kitob o'qiydi. Agar Nodira shu tarzda o'qishni davom ettirsa, ikki oyda necha sahifa kitob o'qiydi?

13. Bo'sh kataklarga mos sonlarni topamiz.

$$\begin{array}{lll} 85 + \boxed{} = 198 & \boxed{} - 365 = 574 & \boxed{} - 435 = 276 \\ 42 + \boxed{} = 397 & 876 - \boxed{} = 422 & 536 + \boxed{} = 987 \\ 98 + \boxed{} = 417 & \boxed{} - 763 = 129 & \boxed{} + 141 = 569 \end{array}$$

14. Tasmaning uzunligi 120 cm bo'lsa, shu tasmaning $\frac{1}{2}$ qismi necha cm ga teng? $\frac{1}{4}$ qismi-chi?

15. Olis sayyoradagi bir yil 7 oyga teng. Birinchi, uchinchi, beshinchi, yettinchi oylar 8 kundan, ikkinchi, to'rtinchi, oltinchi oylar esa 9 kundan davom etadi. Bu sayyorada bir yil necha kundan iborat?

16. Mos sonlarni topib hisoblaymiz.

$$\begin{array}{r} 3\Box \\ \times 5 \\ \hline 170 \end{array}$$

$$\begin{array}{r} 4\Box \\ \times 3 \\ \hline 135 \end{array}$$

$$\begin{array}{r} \Box 6 \\ \times 4 \\ \hline 104 \end{array}$$

$$\begin{array}{r} 3\Box \\ \times 5 \\ \hline 185 \end{array}$$

$$\begin{array}{r} \Box 6 \\ \times 2 \\ \hline 132 \end{array}$$

$$\begin{array}{r} 92 \\ \times \Box \\ \hline 276 \end{array}$$

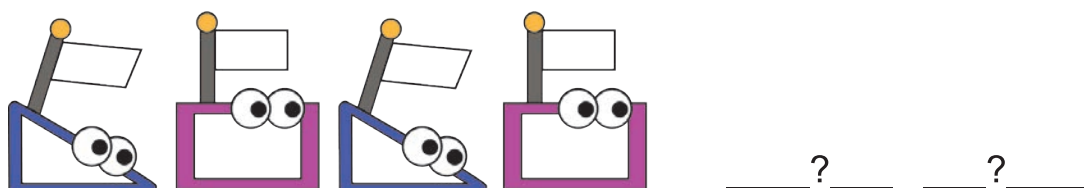
$$\begin{array}{r} 63 \\ \times 4 \\ \hline \Box 52 \end{array}$$

17. Bo'sh kataklarni to'ldiramiz.

46	+	...	+	245	=	343
+		+		+		
...	+	...	+	...	=	244
=	=	=				
180		91		316		

321	+	...	+	...	=	845
+		+		+		
...	+	154	+	...	=	629
=	=	=				
740		417		317		

18. Ketma-ketlikni davom ettiramiz.



19. Ketma-ketlik asosida hisoblaymiz.

$\begin{array}{r} 273 \\ + 658 \\ \hline \Box \end{array}$	→	$\begin{array}{r} \Box \\ - 567 \\ \hline \Box \end{array}$	→	$\begin{array}{r} \Box \\ + 466 \\ \hline \Box \end{array}$	→	$\begin{array}{r} \Box \\ - 275 \\ \hline 555 \end{array}$
$\begin{array}{r} 425 \\ - 246 \\ \hline \Box \end{array}$	→	$\begin{array}{r} \Box \\ + 355 \\ \hline \Box \end{array}$	→	$\begin{array}{r} \Box \\ - 177 \\ \hline \Box \end{array}$	→	$\begin{array}{r} \Box \\ + 643 \\ \hline 1000 \end{array}$

20. Beshinchi o'ringa o'ng tomondagi qaysi soat mos keladi? U qanday vaqtni ko'rsatyapti? 8 soatdan keyin soat millari qaysi vaqtni ko'rsatadi? Bu soat nechanchi o'rinlarda turishini aniqlaymiz.

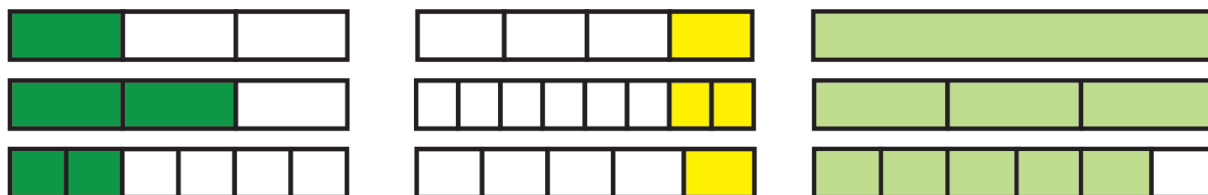


21. Tolib velosipedda 4 kun sayohat qildi. U har kuni u bir xil masofani bosib o'tdi. Tolib shu 4 kun ichida jami 76 km masofani bosib o'tgan bo'lsa, bir kunda necha kilometr yo'l yurgan?

22. Noma'lumlarni topamiz.

$$\begin{array}{l|l|l|l} 34 + \dots = 169 & 126 + \dots = 248 & \dots - 286 = 345 & \dots - 476 = 120 \\ 34 + \dots = 245 & \dots - 187 = 218 & \dots - 658 = 49 & \dots - 47 = 469 \end{array}$$

23. Shakllarning qaysi qismlari bo'yalgan? Ularni kasrlarda qanday ifodalaymiz?



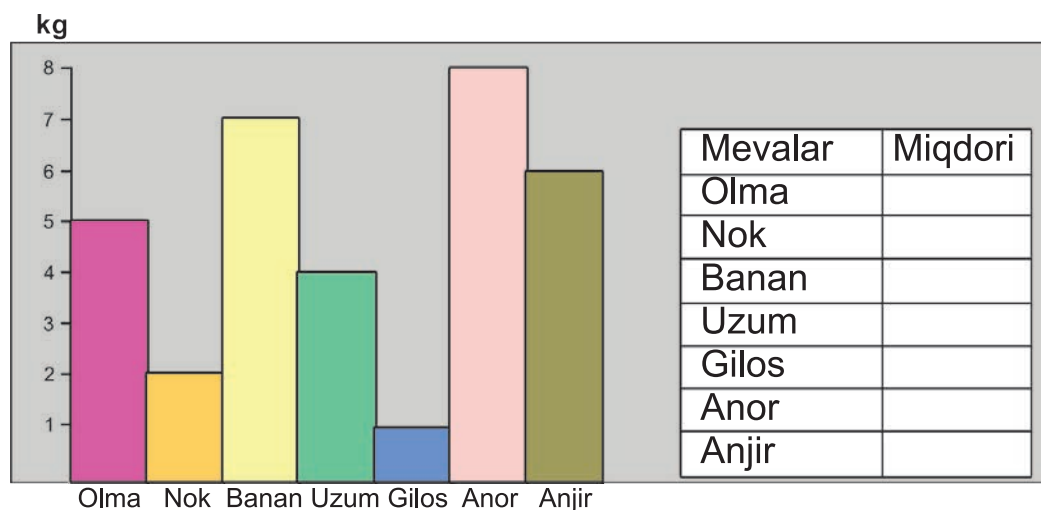
24. Kasrlarning yig'indisini topamiz.

$$\frac{1}{8} + \frac{6}{8} \quad \frac{2}{5} + \frac{3}{5} \quad \frac{2}{7} + \frac{1}{7} \quad \frac{2}{6} + \frac{4}{6} \quad \frac{5}{8} + \frac{2}{8} \quad \frac{1}{3} + \frac{2}{3}$$

25. Uzunliklarni ifodalaymiz.

$$\begin{array}{ll} 4 \text{ m } 14 \text{ cm} = \dots \text{ cm} & 575 \text{ cm} = \dots \text{ m } \dots \text{ cm} \\ 6 \text{ m } 79 \text{ cm} = \dots \text{ cm} & 808 \text{ cm} = \dots \text{ m } \dots \text{ cm} \\ 7 \text{ m } 66 \text{ cm} = \dots \text{ cm} & 940 \text{ cm} = \dots \text{ m } \dots \text{ cm} \end{array}$$

26. Jadvaldan foydalanib bayram dasturxoni uchun xarid qilingan mevalar miqdorini aniqlaymiz. Eng ko'p qaysi meva xarid qilingan? Eng kam olingan meva-chi?

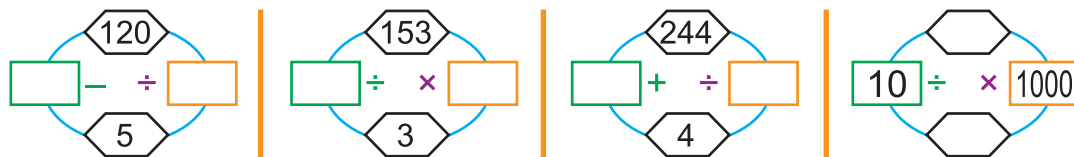


27. Hisoblaymiz.

$$\begin{array}{llll} 5 \times 12 = ? & 120 \div 10 = ? & 13 \times 9 = ? & 400 \div 4 = ? \\ _ \div 5 = ? & _ \times 10 = 120 & _ \div 9 = ? & _ \times 4 = 400 \end{array}$$

28. Sportchi 8 sekundda 60 metrlik masofaga yugurishi kerak. U berilgan vaqtning yarmida masofaning $\frac{2}{3}$ qismini bosib o'tdi. Sportchi bu vaqtda necha metr masofani yugurib o'tgan?

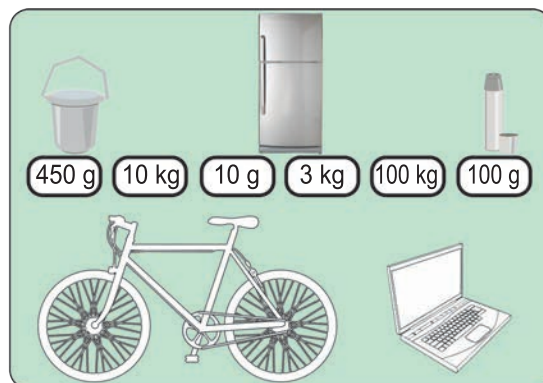
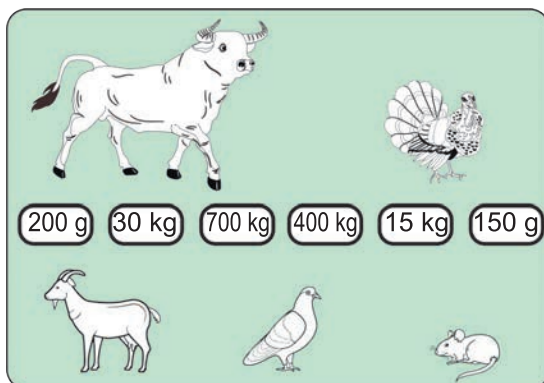
29. Amallarni bajaramiz.



30. Tenglamalarni yechamiz.

$$\begin{array}{llll} x + 260 = 900 & x - 403 = 506 & 1000 - x = 452 & x \div 9 = 87 \\ 715 + x = 981 & x - 349 = 564 & 284 \div x = 71 & x \div 6 = 82 \end{array}$$

31. Hayvonlar va narsalarga mos og'irlik o'lchovini chamalab topamiz.



32. Hisoblaymiz.

$$\begin{array}{lll} 400 - 810 \div 9 + 240 & 604 \div 2 - 184 + 743 & 300 \div 3 + (720 + 108) \\ 560 \div 7 - 80 \div 10 & 300 \div 3 + (720 - 108) & (999 - 900) \div 9 + 989 \\ 240 \times 2 + 369 \div 3 & (800 - 709) + (148 + 398) & (1000 - 100) \times (666 \times 0) \end{array}$$

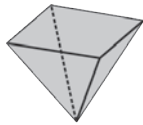
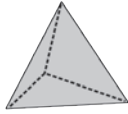
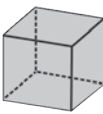
33. Kasrlarning ayirmasini topamiz.

$$\begin{array}{llll} \frac{5}{7} - \frac{3}{7} = \frac{?}{?} & \frac{4}{5} - \frac{2}{5} = \frac{?}{?} & \frac{12}{12} - \frac{?}{12} = \frac{5}{12} & \frac{9}{9} - \frac{?}{9} = \frac{5}{9} \\ \frac{7}{8} - \frac{6}{8} = \frac{?}{?} & \frac{10}{10} - \frac{?}{10} = \frac{3}{10} & \frac{?}{?} - \frac{2}{4} = \frac{1}{4} & \frac{?}{?} - \frac{3}{11} = \frac{5}{11} \end{array}$$

34. Noma'lum raqamlarni topamiz.

$$\begin{array}{r} 2 \square 5 \\ + \square 7 4 \\ \hline 4 3 \square \end{array} \quad \begin{array}{r} \square 2 7 \\ + 1 9 \square \\ \hline 7 \square 9 \end{array} \quad \begin{array}{r} 3 \square 8 \\ - 1 6 \square \\ \hline \square 1 1 \end{array} \quad \begin{array}{r} 2 8 \square \\ + \square 4 7 \\ \hline 6 \square 2 \end{array} \quad \begin{array}{r} \square 0 9 \\ + 1 \square 8 \\ \hline 5 1 \square \end{array} \quad \begin{array}{r} 3 5 \square \\ - 1 \square 5 \\ \hline \square 8 2 \end{array}$$

35. Har bir shaklni tahlil qilamiz va jadvalni to'ldiramiz.

Fazoviy shakl	Uchburchaklar soni	Kvadratlar soni
	4	1
		
		
		

36. Rasmlar o'rniga mos keluvchi sonlarni topamiz.

 +  +  = 453

 +  +  = 48

 +  +  = 350

 +  ×  = 176

 +  +  = 180

 ×  +  = 120

 +  +  = ?

 +  ×  = ?

37. Hisoblaymiz.

100	+		=	700
+		-		-
	+		=	
=		=		=
500	-		=	100

	×	5	=	300
÷				
			=	
=		=		=
2			=	100

38. Bo'sh kataklarni to'ldiramiz.

$$\begin{array}{r} \boxed{4}\boxed{4} \\ \times \boxed{}\boxed{} \\ \hline 176 \end{array}$$

$$\begin{array}{r} \boxed{5}\boxed{8} \\ \times \boxed{}\boxed{} \\ \hline 522 \end{array}$$

$$\begin{array}{r} \boxed{3}\boxed{2} \\ \times \boxed{}\boxed{} \\ \hline 192 \end{array}$$

$$\begin{array}{r} \boxed{2}\boxed{6} \\ \times \boxed{}\boxed{} \\ \hline 156 \end{array}$$

$$\begin{array}{r} \boxed{}\boxed{} \\ \times 9 \\ \hline 198 \end{array}$$

$$\begin{array}{r} \boxed{4}\boxed{} \\ \times 3 \\ \hline 135 \end{array}$$

$$\begin{array}{r} \boxed{3}\boxed{9} \\ \times \boxed{} \\ \hline 1\boxed{}6 \end{array}$$

39. Tasmaning $\frac{1}{4}$ qismi 200 cm bo'lsa, shu tasma necha cm?

40. Hisoblaymiz.

$$\frac{1}{9} + \frac{1}{9} + \frac{1}{9}$$

$$\frac{2}{8} + \frac{3}{8} + \frac{1}{8}$$

$$\frac{1}{12} + \frac{1}{12} + \frac{1}{12}$$

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$

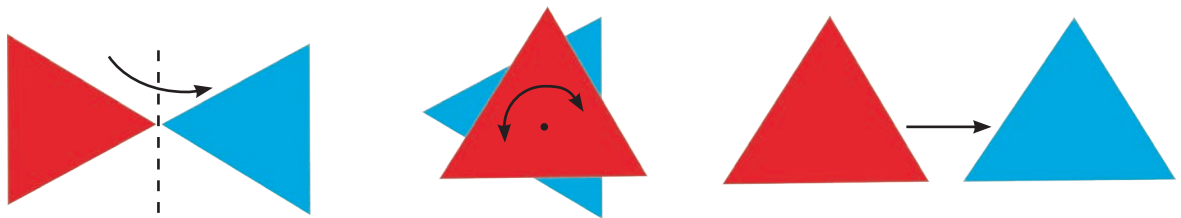
$$\frac{2}{8} + \frac{2}{8} + \frac{2}{8}$$

$$\frac{2}{9} + \frac{3}{9} + \frac{4}{9}$$

$$\frac{1}{8} + \frac{4}{8} + \frac{1}{8}$$

$$\frac{3}{11} + \frac{3}{11} + \frac{1}{11}$$

41. Shakl qanday harakatlar natijasida o'zgaryapti? Shakllarni chizib, harakatlar nomini yozamiz.



42. Tengliklar to'g'ri bo'lishi uchun qanday amallardan foydalanamiz?

$$750 \text{ } \bigcirc \text{ } 300 \times 2 \text{ } \bigcirc \text{ } 150$$

$$348 \text{ } \bigcirc \text{ } 152 \text{ } \bigcirc \text{ } 400 \text{ } \bigcirc \text{ } 100$$

$$320 \text{ } \bigcirc \text{ } 20 \text{ } \bigcirc \text{ } 240 \text{ } \bigcirc \text{ } 60$$

$$150 \text{ } \bigcirc \text{ } 4 \text{ } \bigcirc \text{ } 3 \text{ } \bigcirc \text{ } 200$$

$$640 \text{ } \bigcirc \text{ } 700 \text{ } \bigcirc \text{ } 300 \text{ } \bigcirc \text{ } 240$$

$$500 \text{ } \bigcirc \text{ } 500 \text{ } \bigcirc \text{ } 150 \text{ } \bigcirc \text{ } 850$$

43. Hisoblaymiz.

$$\begin{array}{r} 427 \\ 130 \\ + 216 \\ \hline \end{array}$$

$$\begin{array}{r} 374 \\ 241 \\ + 48 \\ \hline \end{array}$$

$$\begin{array}{r} 571 \\ 78 \\ + 242 \\ \hline \end{array}$$

$$\begin{array}{r} 378 \\ 254 \\ + 163 \\ \hline \end{array}$$

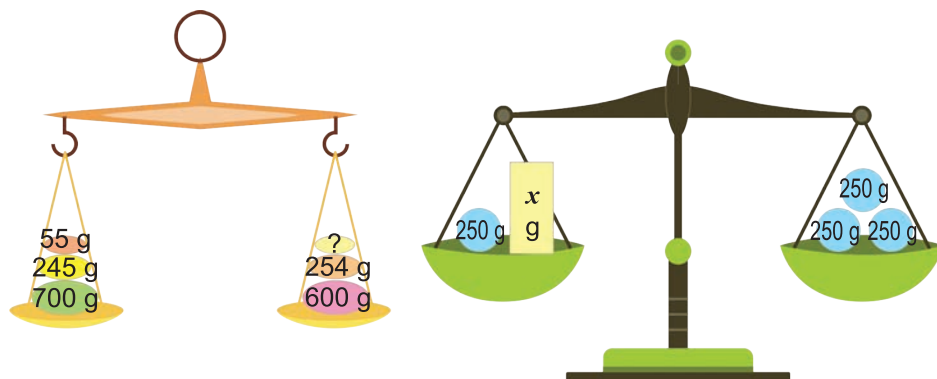
$$\begin{array}{r} 603 \\ 255 \\ + 106 \\ \hline \end{array}$$

$$\begin{array}{r} 471 \\ 250 \\ + 68 \\ \hline \end{array}$$

$$\begin{array}{r} 483 \\ 231 \\ + 157 \\ \hline \end{array}$$

$$\begin{array}{r} 327 \\ 261 \\ + 78 \\ \hline \end{array}$$

44. Tarozi pallalaridagi noma'lum og'irliklarni topamiz.



45. Bo'sh kataklarni to'ldiramiz.

$$\begin{array}{r} 9 \square \\ \times 2 \\ \hline 194 \end{array} \quad \begin{array}{r} 84 \\ \times \square \\ \hline 252 \end{array} \quad \begin{array}{r} 79 \\ \times \square \\ \hline 395 \end{array} \quad \begin{array}{r} \square 8 \\ \times 5 \\ \hline 340 \end{array} \quad \begin{array}{r} \square 7 \\ \times 5 \\ \hline 335 \end{array} \quad \begin{array}{r} 99 \\ \times \square \\ \hline 198 \end{array} \quad \begin{array}{r} 6 \square \\ \times 4 \\ \hline 252 \end{array}$$

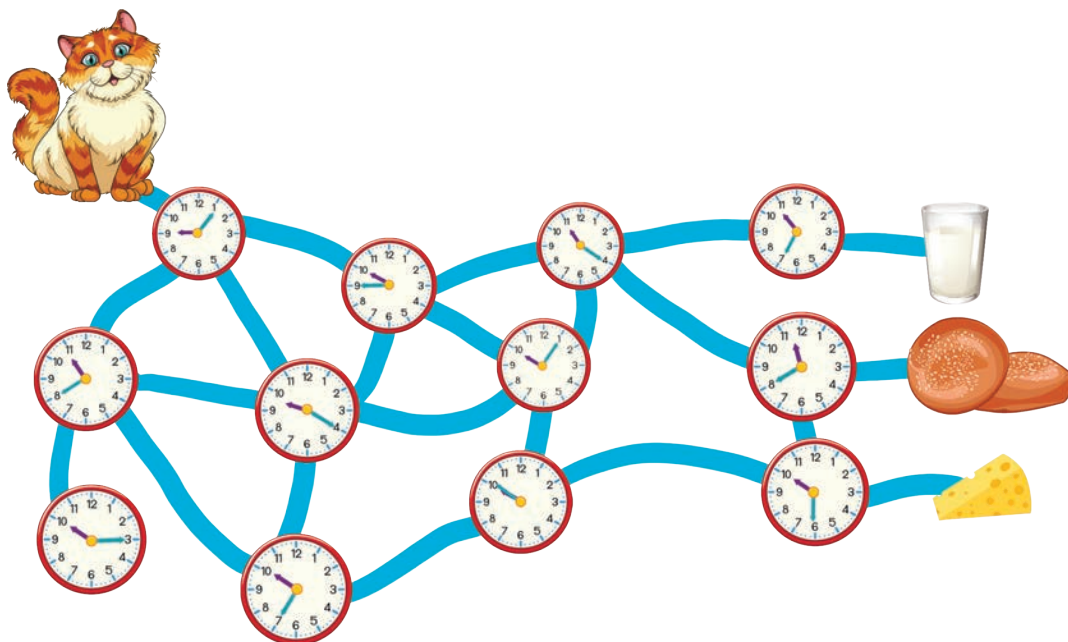
46. Kasrlarni qo'shamiz.

$$\begin{array}{llllll} \frac{2}{4} + \frac{1}{4} & \frac{3}{6} + \frac{1}{6} & \frac{2}{3} + \frac{1}{3} & \frac{6}{8} + \frac{2}{8} & \frac{1}{4} + \frac{2}{4} & \frac{3}{5} + \frac{1}{5} \\ \frac{2}{5} + \frac{2}{5} & \frac{3}{8} + \frac{2}{8} & \frac{1}{6} + \frac{1}{6} & \frac{1}{5} + \frac{4}{5} & \frac{3}{4} + \frac{1}{4} & \frac{4}{8} + \frac{4}{8} \end{array}$$

47. Bo'sh kataklarni to'ldiramiz.

$$\begin{array}{l} 4 \times \square = 620 \\ \square \times 5 = \square \\ \square + 980 = 1000 \end{array} \quad \begin{array}{l} 981 \div \square = 9 \\ 6 \times \square = \square \\ 873 \div \square = \square \end{array} \quad \begin{array}{l} \square + \square = \square \\ 743 + \square = 1000 \end{array}$$

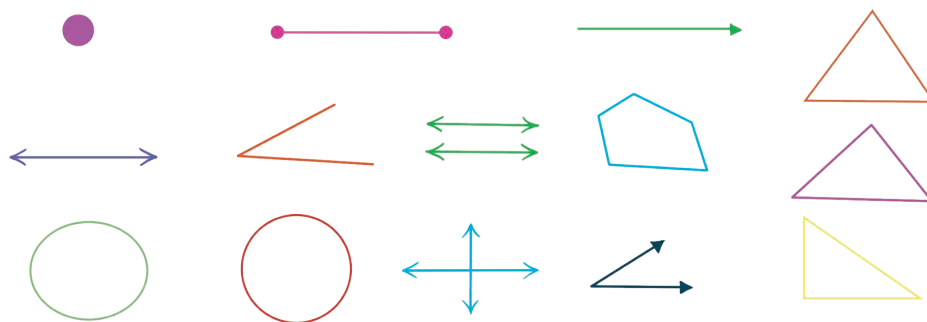
48. 15 minutlik vaqt oralig'iga ega yo'nalish bo'ylab harakatlanamiz va mushukka ozuqa topishda yordam beramiz.



49. Bo'sh kataklarni to'ldiramiz.

$$\begin{array}{llll} \frac{2}{6} + \frac{\square}{6} = \frac{3}{6} & \frac{1}{10} + \frac{\square}{10} = \frac{7}{10} & \frac{5}{12} + \frac{\square}{12} = \frac{12}{12} & \frac{3}{8} + \frac{\square}{8} = \frac{5}{8} \\ \frac{1}{8} + \frac{\square}{8} = \frac{7}{8} & \frac{2}{9} + \frac{\square}{9} = \frac{9}{9} & \frac{1}{6} + \frac{\square}{6} = \frac{5}{6} & \frac{2}{5} + \frac{\square}{5} = \frac{3}{5} \end{array}$$

50. Har bir shaklni chizamiz, nomini va o'ziga xos xususiyatlarini aytamiz.



51. Hisoblaymiz.

$$\begin{array}{r} 732 \\ + 244 \\ \hline \end{array}$$

$$\begin{array}{r} 501 \\ + 146 \\ \hline \end{array}$$

$$\begin{array}{r} 723 \\ + 135 \\ \hline \end{array}$$

$$\begin{array}{r} 535 \\ + 403 \\ \hline \end{array}$$

$$\begin{array}{r} 321 \\ + 425 \\ \hline \end{array}$$

$$\begin{array}{r} 602 \\ - 314 \\ \hline \end{array}$$

$$\begin{array}{r} 843 \\ - 153 \\ \hline \end{array}$$

$$\begin{array}{r} 470 \\ - 205 \\ \hline \end{array}$$

$$\begin{array}{r} 356 \\ - 158 \\ \hline \end{array}$$

$$\begin{array}{r} 537 \\ - 463 \\ \hline \end{array}$$

$$\begin{array}{r} 405 \\ + 273 \\ \hline \end{array}$$

$$\begin{array}{r} 427 \\ + 351 \\ \hline \end{array}$$

$$\begin{array}{r} 618 \\ + 230 \\ \hline \end{array}$$

$$\begin{array}{r} 426 \\ + 351 \\ \hline \end{array}$$

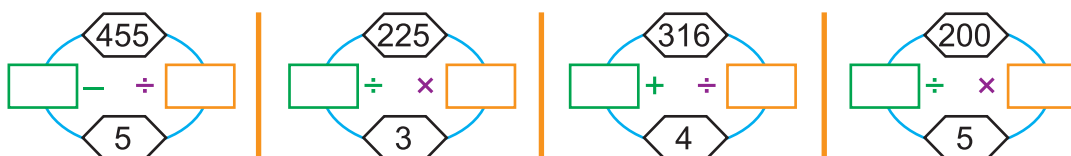
$$\begin{array}{r} 755 \\ + 155 \\ \hline \end{array}$$

52. Tengliklar to'g'ri bo'lishi uchun qanday amallardan foydalanamiz?

$$\begin{array}{l} 324 \bigcirc 3 = 900 \bigcirc 72 \\ 644 \bigcirc 56 \bigcirc 100 = 800 \\ 90 \bigcirc 8 \bigcirc 90 = 810 \end{array}$$

$$\begin{array}{l} 472 \bigcirc 4 = 439 \bigcirc 321 \\ 656 = 150 \bigcirc 4 \bigcirc 56 \\ 455 \bigcirc 235 = 220 \bigcirc 1 \end{array}$$

53. Amallarni bajaramiz.



54. Hisoblaymiz.

$$\begin{array}{r} 333 \\ 125 \\ + 402 \\ \hline \end{array}$$

$$\begin{array}{r} 457 \\ 317 \\ + 180 \\ \hline \end{array}$$

$$\begin{array}{r} 175 \\ 352 \\ + 209 \\ \hline \end{array}$$

$$\begin{array}{r} 402 \\ 156 \\ + 264 \\ \hline \end{array}$$

$$\begin{array}{r} 152 \\ 332 \\ 267 \\ + 53 \\ \hline \end{array}$$

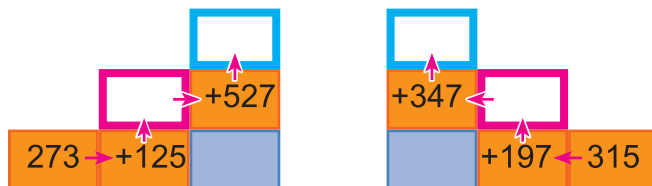
$$\begin{array}{r} 279 \\ 226 \\ 247 \\ + 103 \\ \hline \end{array}$$

$$\begin{array}{r} 327 \\ 231 \\ 180 \\ + 75 \\ \hline \end{array}$$

$$\begin{array}{r} 176 \\ 437 \\ 209 \\ + 155 \\ \hline \end{array}$$

QO'SHIMCHA TOPSHIRIQLAR

1. Do'stimiz bilan birgalikda ishlaymiz. Kim chaqqon?



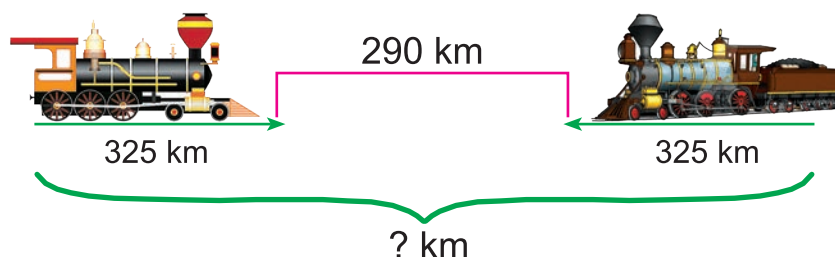
2. O'rmon xo'jaligi xodimlari 124 tup ignabargli daraxt va undan 88 tup ko'p buta ekdi. Jami nechta ko'chat ekildi?

3. Har bir shaklga mos sonni topamiz.

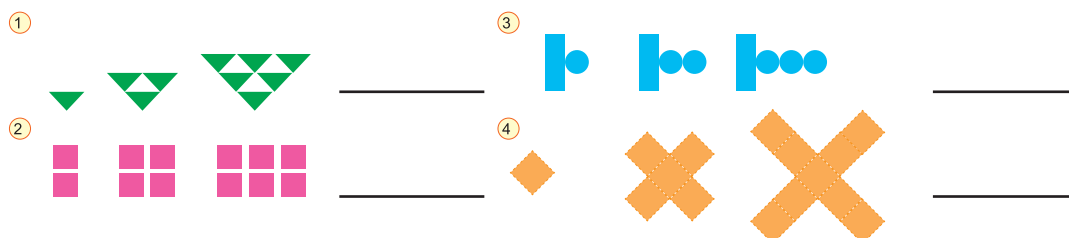
$$\begin{aligned} \text{Pedestrian sign} + \text{Pedestrian sign} &= 320 \\ \text{Pedestrian sign} + \text{STOP sign} &= 280 \\ \text{STOP sign} + \text{STOP sign} + \text{STOP sign} + \text{STOP sign} &= \text{Up arrow sign} \\ \text{Up arrow sign} + \text{STOP sign} &= \text{Construction sign} \\ \text{Construction sign} + \text{STOP sign} + \text{STOP sign} + 139 &= \text{No entry sign} \end{aligned}$$

$$\begin{aligned} \text{Up arrow sign} &= \underline{\hspace{2cm}} \\ \text{STOP sign} &= \underline{\hspace{2cm}} \\ \text{Pedestrian sign} &= \underline{\hspace{2cm}} \\ \text{Construction sign} &= \underline{\hspace{2cm}} \\ \text{No entry sign} &= \underline{\hspace{2cm}} \end{aligned}$$

4. Poyezdlar bir xil tezlikda harakatlangan bo'lsa, ular jami qancha masofani bosib o'tgan?



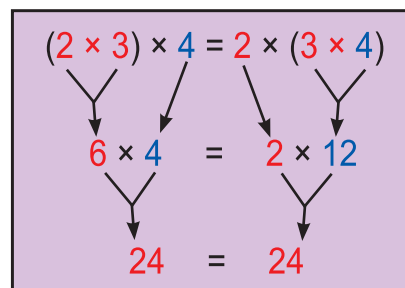
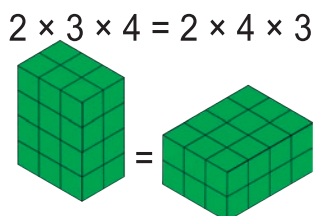
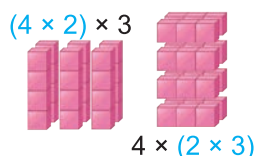
5. Ketma-ketlikni davom ettiramiz.



6. Hisoblaymiz.

$$\begin{array}{|c|c|c|c|c|c|} \hline \begin{array}{r} 438 \\ \times 2 \\ \hline \end{array} & \begin{array}{r} 175 \\ \times 3 \\ \hline \end{array} & \begin{array}{r} 216 \\ \times 4 \\ \hline \end{array} & \begin{array}{r} 101 \\ \times 5 \\ \hline \end{array} & \begin{array}{r} 248 \\ \times 4 \\ \hline \end{array} & \begin{array}{r} 117 \\ \times 6 \\ \hline \end{array} \\ \hline \end{array}$$

7. Namuna asosida ko'paytmalarni topamiz.



$$16 \times 7 \times 5 = (16 \times 5) \times 7 = 80 \times 7 = ?$$

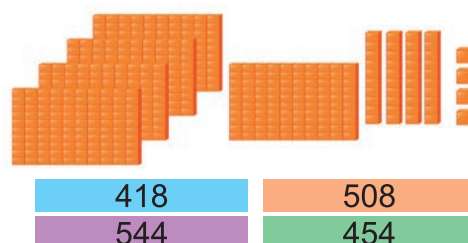
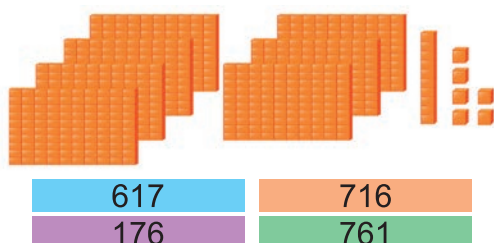
$$5 \times 25 \times 4$$

$$12 \times 9 \times 5$$

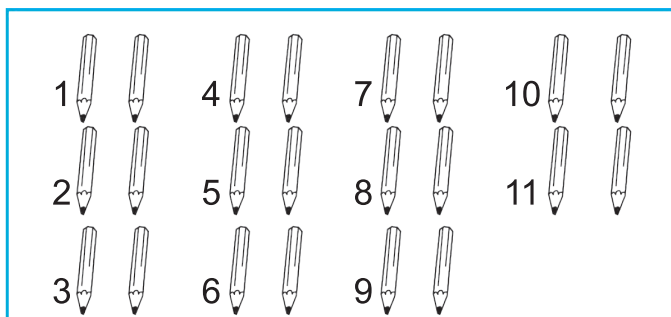
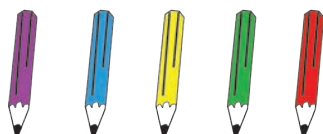
$$15 \times 7 \times 8$$

$$24 \times 2 \times 5$$

8. Modellar qaysi sonni bildiradi?



9. Qalamlarni ikkitadan qilib shunday joylashtiringki, juftliklarda qalamlar rangi takrorlanmasin.



10. Hisoblaymiz.

$$80 \overline{) 10}$$

$$30 \overline{) 10}$$

$$40 \overline{) 10}$$

$$50 \overline{) 10}$$

$$90 \overline{) 10}$$

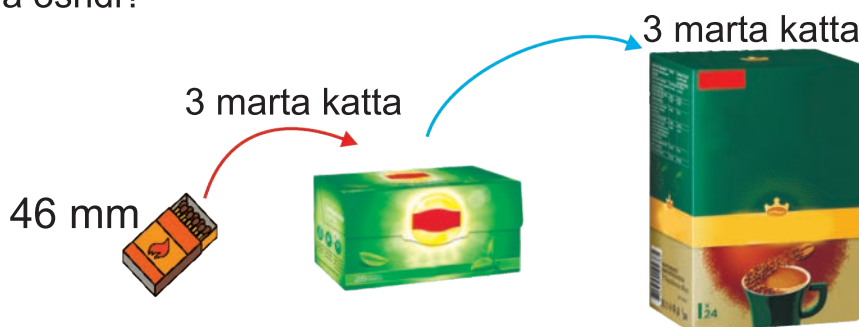
$$10 \div 10$$

$$60 \div 10$$

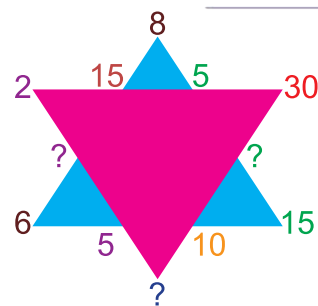
$$20 \div 10$$

$$70 \div 10$$

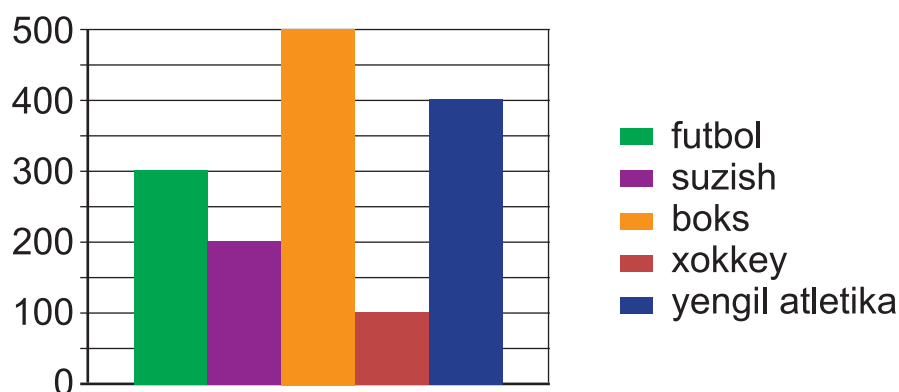
11. Qahva qutisining shartli o'lchami boshqa qutilarga nisbatan necha barobarga oshdi?



12. Shaklni chizamiz va uchburchaklar sonini sanaymiz. Har bir uchburchak uchlaridagi sonlar ko'paytmasi bir xil bo'lsa, noma'lum sonlarni topamiz.



13. Diagrammadan foydalanib sport klubiga a'zo o'quvchilar sonini aniqlaymiz. Eng ko'p o'quvchi a'zo sport turidan eng kam qatnashchiga ega sport turi necha marta kam va qancha kam?



14. Hisoblaymiz.

$$348 + 271 \times 2$$

$$729 \div 9 + 87 \times 3$$

$$346 \times 2 + 234 \div 3$$

$$873 \div 3 + 495$$

$$565 \div 5 + 123 \times 4$$

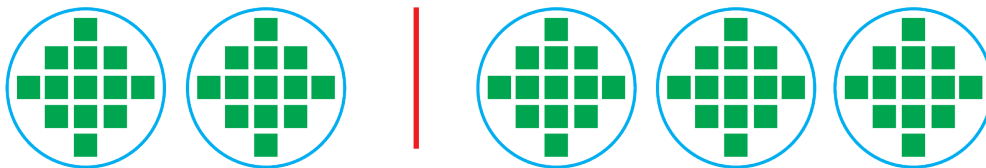
$$985 \div 5 + 651 \div 7$$

$$1000 - 576 \div 4$$

$$184 \div 4 + 876 \div 6$$

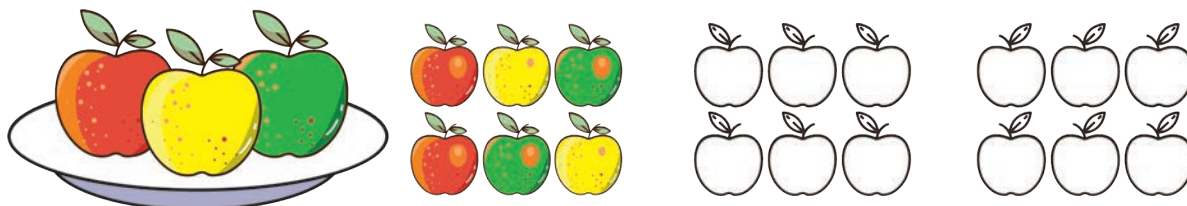
$$999 \div 9 \times 5 + 445$$

15. Kvadratlar qanday guruhlarga ajratilgan? Jami kvadratlar qancha?

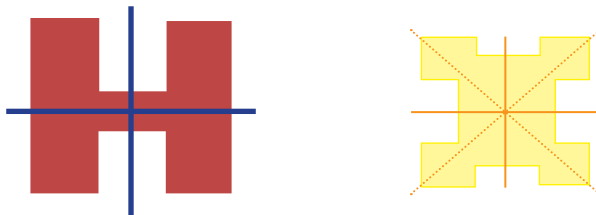


Jami kvadratlarni yana qanday guruhlarga ajratish mumkin?

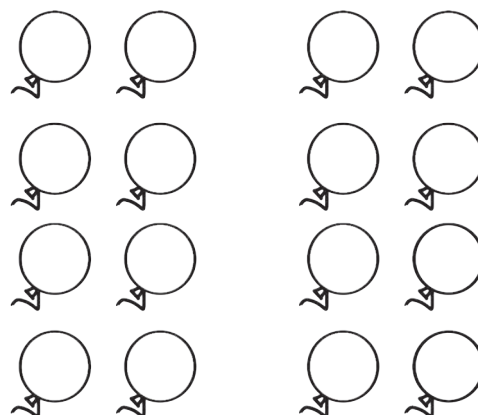
16. Olmalarni rangi 2 marta qaytarilmaydigan tarzda ketma-ket joylashtiramiz.



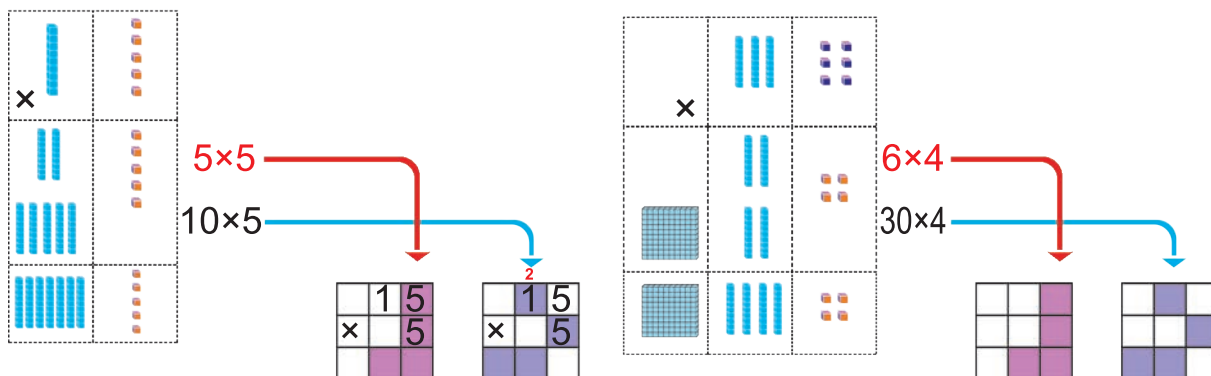
17. Har bir shakldagi simmetrik qismlarni aniqlaymiz.



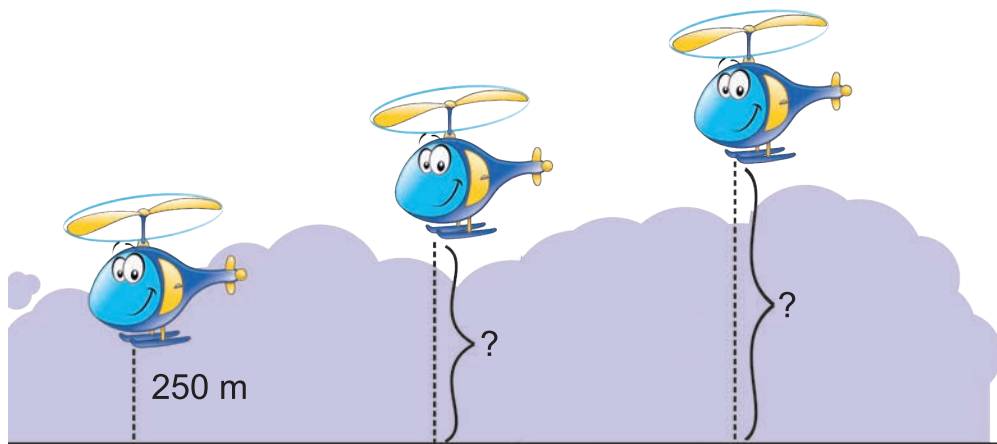
18. Sharlarni rangi takrorlanmaydigan tarzda ikkitadan joylashtiramiz.



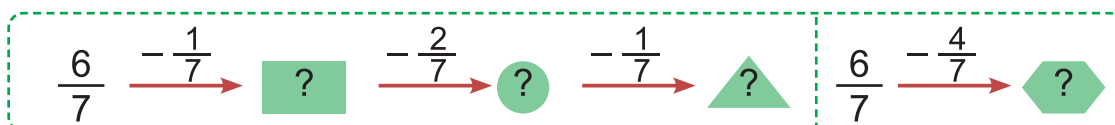
19. Ko'paytmalar nimaga teng?



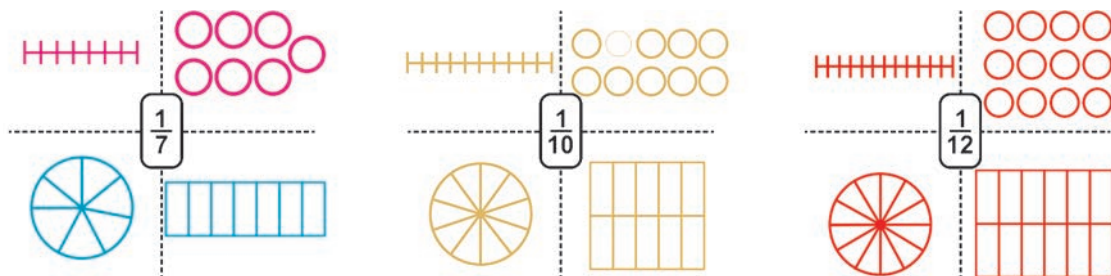
20. Vertolyotlarning uchish balandligini chamalab topamiz.



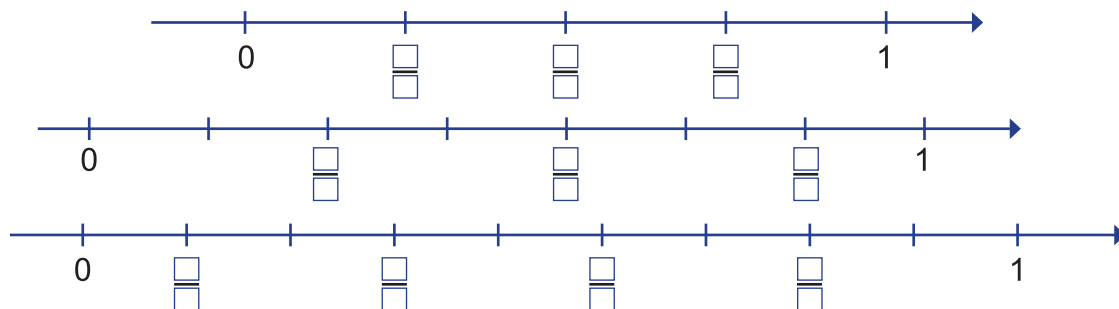
21. Natijalar nimaga teng? Qanday xulosaga keldingiz?



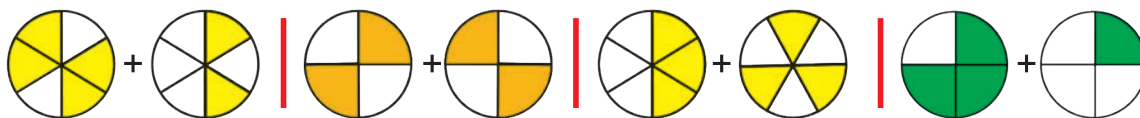
22. Shakllarni chizamiz va kasrlarga mos qismini bo'yaymiz.



23. Bo'sh kataklarni to'ldiramiz.



24. Modellar asosida ifodalar tuzib, hisoblaymiz.



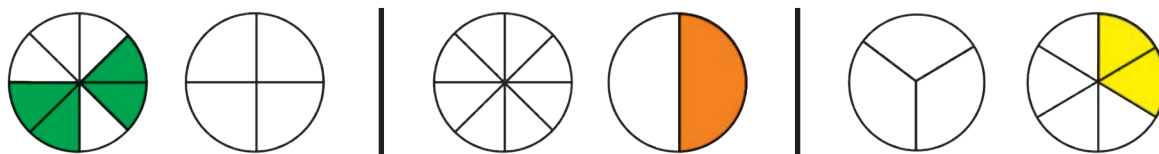
25. Hisoblaymiz va bo'yaymiz.



26. Nuqtalarga mos kasrlarni yozamiz.



27. Doiralarni bo'yab teng kasrlar hosil qilamiz.



28. 26 qop un bor. Har bir qop 3 kg dan bo'lsa, jami necha kilogramm un bor? 1 ta qopdagi undan 9 dona non tayyorlansa, jami undan necha dona non tayyorlash mumkin?

29. Hisoblaymiz.

$$1 \times 8 + 25 \times 10 - 3 + 23$$

$$1 \times 4 + 12 \times 8 \div (2 \times 3)$$

$$(27 + 5) \div 32 + 9 \times 10 \times 1$$

$$7 \times (1 + 39 - 40) \div 31 \div 85$$

$$15 + 34 \times (7 \div 7) \times 4 \times 6$$

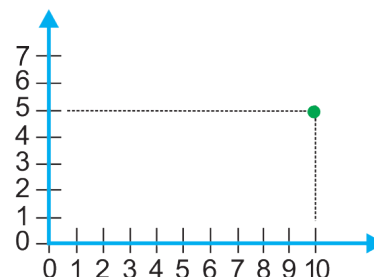
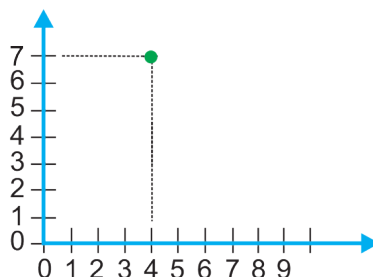
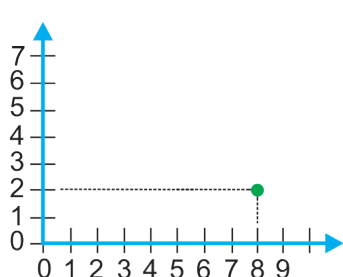
$$(18 + 27) \div 5 \times 3 + 1 - 10$$

30. 3 dona pirog tayyorlash uchun 75 gramm shakar kerak bo'ladi. 10 dona pirog tayyorlash uchun qancha shakar kerak?

31. Peshtaxtada ikki xil tuxum bor. Katta tuxumning vazni 56 g va soni 8 ta, kichik tuxum esa 47 g va soni 9 ta. Barcha tuxumlarning og'irligi qancha?

32. Korxonada olxo'ri sharbati tayyorlanmoqda. Agar bir kunlik sharbat uchun 250 L suv va 15 L shira kerak bo'lsa, 2 kunlik sharbat tayyorlash uchun qancha suv va olxo'ri shirasi kerak?

33. Gorizontal va vertikal chiziqlarda joylashgan sonlarni belgilaymiz.



34. Koordinatalar burchagida harflarni belgilaymiz.

$$K = (3; 1)$$

$$L = (2; 3)$$

$$M = (5; 5)$$

$$O = (12; 8)$$

$$P = (10; 7)$$

$$Q = (1; 6)$$

$$R = (9; 9)$$

$$S = (5; 7)$$

35. Diagramma asosida savollarga javob beramiz.

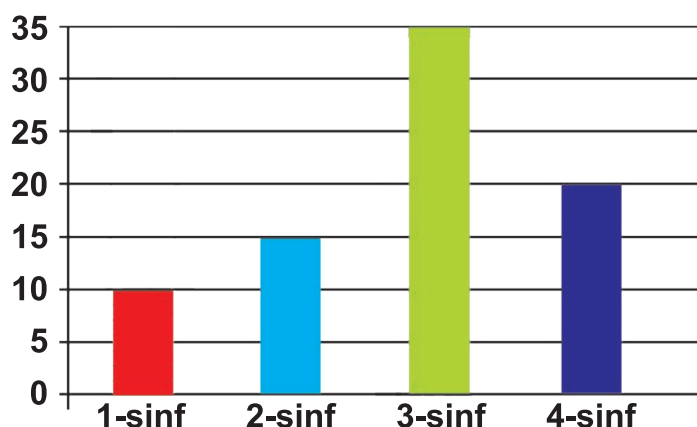
O'quvchilar bir oy davomida kutubxonadan olib o'qigan kitoblar sonini sinflar bo'yicha tahlil qilamiz.

– 1-sinf o'quvchilari nechta kitob o'qigan?

– Bu eng ko'p kitob o'qilgan sinfdan qanchaga farq qiladi?

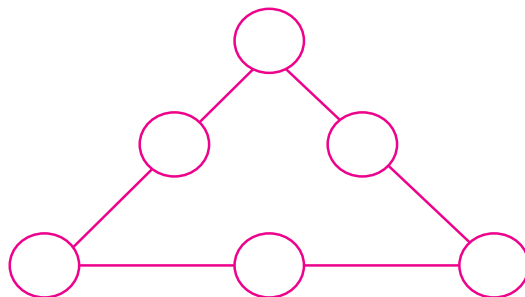
– Qaysi sinf 20 ta kitob o'qigan?

– Bir oyda jami nechta kitob o'qilgan?



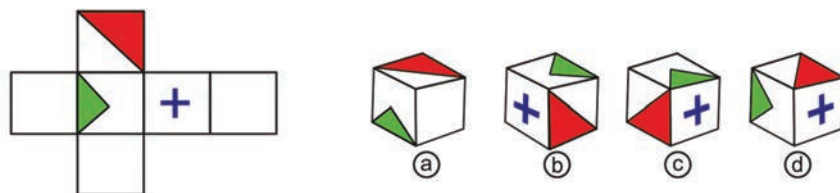
QIZIQARLI VA MANTIQIY TOPSHIRIQLAR

- 1 dan 100 gacha sonlar ichida necha marta 9 raqami qatnashadi?
- P – Q ning singlisi; R – S ning ukasi; Q – R ning onasi;
T – S ning otasi; P – S bilan qanday bog‘liq?
a) amakivachchasi b) jiyani
c) xolasi d) masalani yechib bo‘lmaydi
- 1 dan 6 gacha raqamlarni (takrorlamasdan) to‘ldiring, shunda sehrli uchburchakning har bir tomonidagi sonlar yig‘indisi 12 ga teng bo‘ladi.

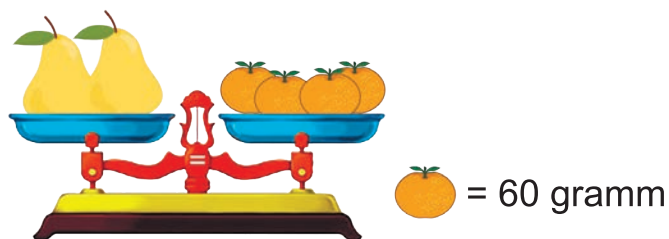


- Uzunligi 300 metr bo‘lgan matoni sotuvchi har bir xaridorga 3 metrdan sotdi. Sotuvchi xaridorlarga necha marta mato sotgan?
- Jasur uylar 1 dan 74 gacha raqamlangan ko‘chada yashaydi. Uning ko‘chasidagi uylar raqamida 7 necha marta uchraydi?
- Qanday 3 ta sonning yig‘indisi ularning ko‘paytmasiga teng bo‘ladi.
- 1 dan 60 gacha bo‘lgan sonlar ichida 5 raqami necha marta uchraydi?
- 4 ta besh raqami va arifmetik ishoralar yordamida 100 ni hosil qiling.
- Tarozining 1 pallasiga 1 ta butun g‘isht, 2-pallasiga esa xuddi shunday g‘ishtning yarmi va 1 kg li tosh qo‘yib, tarozi tenglandi. 1 ta g‘ishtning og‘irligi qancha?
- Bolalar yong‘oqlarni bo‘lib olmoqchi. Agar ular bittadan yong‘oq olsa, bitta yong‘oq ortib qoladi. Ikkitadan olishsa, bitta bolaga yong‘oq yetmaydi. Ayting-chi, nechta bola va nechta yong‘oq bor?
- Panjara ustunlarining oralig‘i 5 metr. 500 metr masofadagi maydonga panjara o‘rnatish uchun nechta ustun kerak bo‘ladi?
- Ikki sonning ko‘paytmasi 18 bo‘ladi. Shu sonlarning kattasini kichigiga bo‘lganda 18 chiqdi. Shu sonlarni toping.

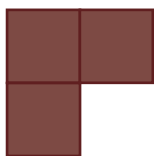
13. Berilgan yoyilma qaysi javobdagi shaklga mos keladi?



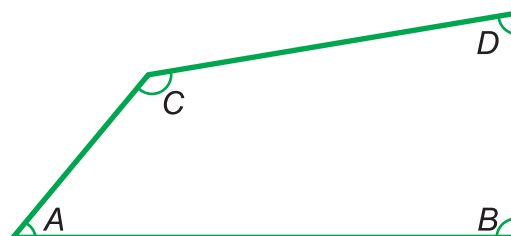
14. Ikkita nokning og'irligi 4 ta mandarin og'irligiga teng. 1 ta nokning og'irligi qancha?



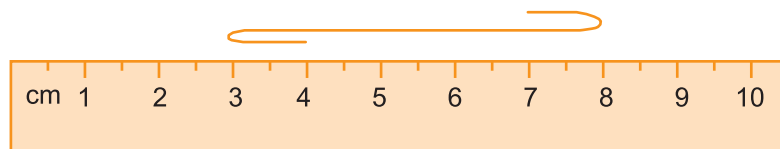
15. Shokolad to'g'ri to'rtburchak shaklida edi. Bu shokoladning chorak qismi rasmda ko'rsatilgan. Daftarga shokoladning to'liq rasmini chizing.



16. Quyidagi rasmda A, B, C va D nuqtalar keltirilgan shaklning uchlaridir. Shu shaklning qaysi burchaklari o'tkir burchak?

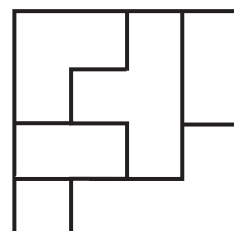
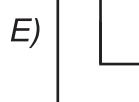
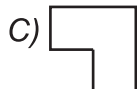
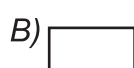


17. Agar quyidagi rasmda tasvirlangan sim bo'lagi to'g'ri shaklga keltirilsa, uning uzunligi necha santimetrga yaqinroq bo'ladi?



18. Poyezd Samarqand shahridan ertalab soat 8:45 da jo'nab ketadi. U Toshkent shahriga borish uchun 2 soat-u 18 minut vaqt sarfladi. Poyezd Toshkentga soat nechada yetib keladi?

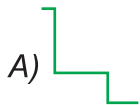
19. O'ng tarafdagi kvadrat kichik qismlarga bo'lindi. Javoblardan qaysi biri hosil bo'lgan bo'laklardan biri emas?



20. Quyida bir qasrning uzoqdan ko'rinishi berilgan:



Quyidagilardan qaysi biri unga tegishli bo'lak bo'la olmaydi?



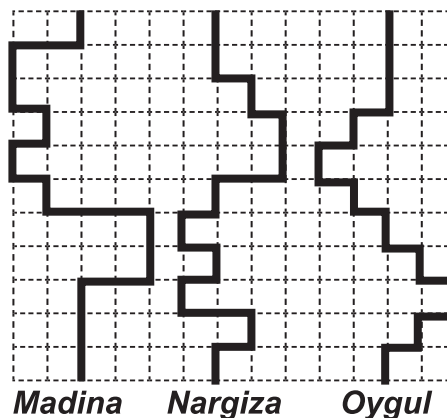
21. Eng kichik ikki xonali songa 17 ni qo'shib, yig'indini eng katta bir xonali songa qo'shsak, qanday son hosil bo'ladi?

22. Taroziining chap tarafida 6 ta apelsin, o'ng tarafida 2 ta qovun turibdi. Agar apelsinlarning yoniga 1 ta qovun qo'ysak, ikki taraf tenglashadi. Shundan kelib chiqsak, 1 ta qovunning og'irligi nechta apelsin og'irligiga teng?

23. Chiziqlar bo'ylab yugurish musobaqasida Madina, Nargiza va Oygul rasmda ko'rsatilgan shaklda yugurishdi. Ularning tezliklari bir xil edi.

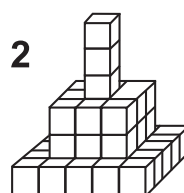
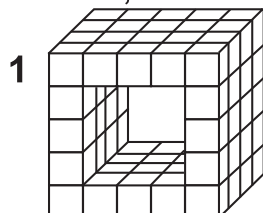
Qaysi gap rost?

- Madina va Oygul bir xil vaqtda yetib kelgan.
- Nargiza 1-o'rinni olgan.
- Oygul oxirgi bo'lgan.
- Uchalasi ham bir vaqtda yetib kelgan.
- Madina va Nargiza bir xil vaqtda kelgan.



24. Yasmina, Komila, Sevara va Hilolalarning tug'ilgan kunlari 1-mart, 17-may, 20-iyul va 20-martda. Komila va Sevara bir xil oyda tug'ilgan. Yasmina va Sevaraning tug'ilgan kunlari sanasi bir, ammo turli xil oylarda. Kimning tug'ilgan kuni 17-mayda?

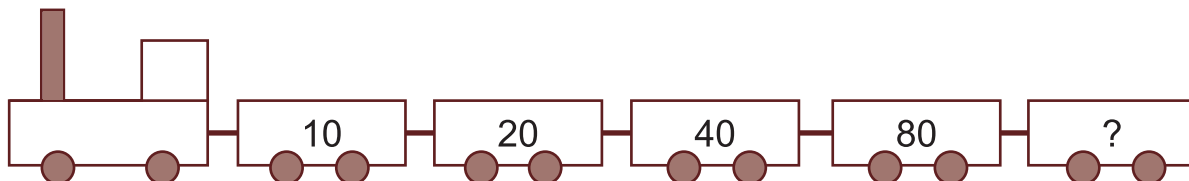
25. Rustam kichik kubchalardan 1-rasmdagi tunelni yasadi. Shundan so'ng u tunelni buzib tashlab, 2-rasmdagi piramidani qurdi.



Piramidani qurish uchun tuneldagi nechta kubcha ishlatilmagan?

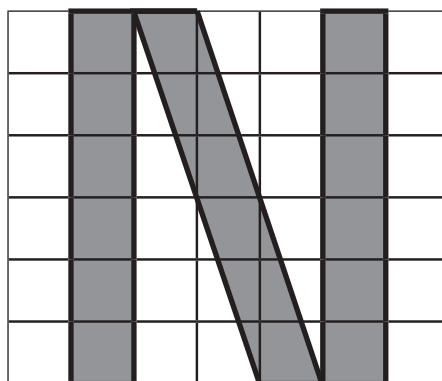
26. 1 dan 9 gacha raqamlar bor. Abdullaga 7, 2 va 4 raqamlari; Munisaga 6, 5 va 1 raqamlari; Firdavsga esa 8, 3 va 9 raqamlari berildi. Ularning har biri 4 ta amal (qo'shish, ayirish, ko'paytirish va bo'lish) va har bir raqamni bir martadan ishlatishi mumkin. Kim 20 sonini hosil qila olmaydi?

27. Ketma-ketlikni to'ldiring.

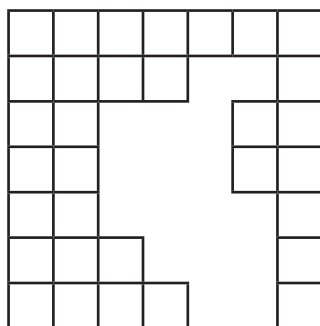


28. Xadicha 21:30 da uxlaydi va ertalab 06:45 da uyg'onadi. Uning akasi Maqsud esa Xadichadan 1 soat-u 50 minut ko'proq uxlaydi. Maqsud necha soat-u necha minut uxlaydi?

29. Agar har bir katakning uzunligi 1 ga teng bo'lsa, N shaklining yuzasini toping.



30. Qaysi 2 ta shaklni ichi bo'sh kvadratga joylashtirsak, bu kvadrat to'ladi?

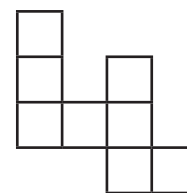
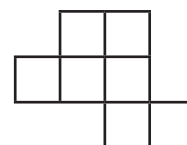
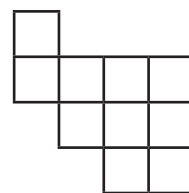
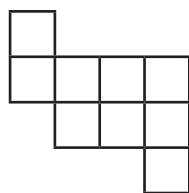


1

2

3

4



31. Jamshid singlisi tug'ilganida 4 yoshda edi. Bugun u 9 yoshga to'ladi. Endi aka-singil yoshlari farqi nechaga teng?

32. 671 – 389 ayirma quyidagilardan qaysilariga teng emas?

771 – 489

681 – 399

669 – 391

187 – 158

600 – 318

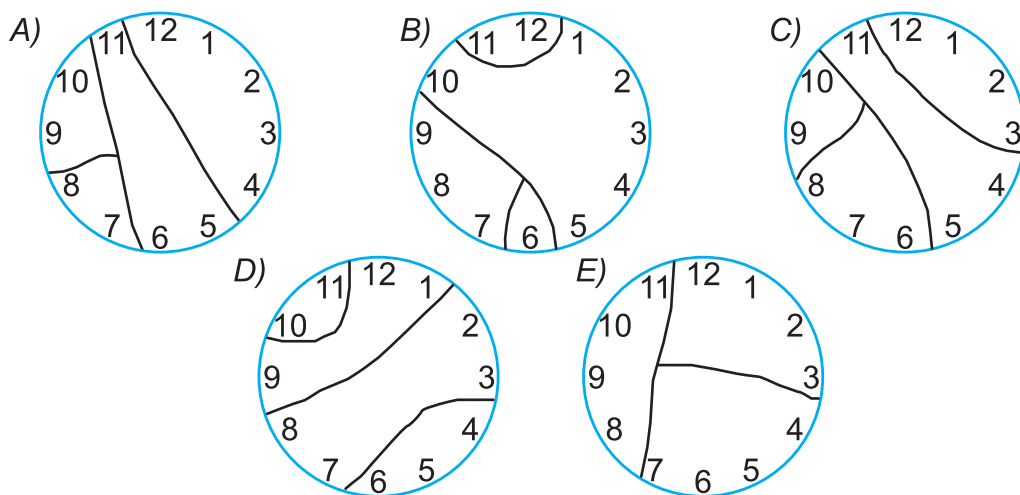
33. Abdukarim ba'zi sahifalari yo'qolgan eski kitob topib oldi. Chap tarafdagi betida 24 deb, o'ng tarafdagi betida esa 45 deb raqamlangan ekan. Shu ikki sahifa orasida nechta varaq yo'qolgan?

34. 2×2 katakchalardagi 4 ta kvadratning har birida bittadan son bor. Birinchi qatordagi sonlar yig'indisi 3, ikkinchi qatordagi sonlar yig'indisi esa 8 ga teng. Agar 1-ustundagi sonlar yig'indisi 4 bo'lsa, 2-ustundagi sonlar yig'indisini toping.

35. Boburda 147 so'm, Lobarda esa 57 so'm bor. Bobur Lobarga necha so'm bersa, o'zining pullari Lobarnikidan ikki barobar ko'p bo'ladi?

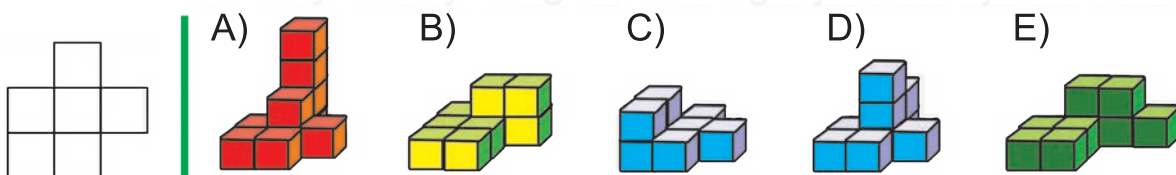
36. Tug'ilgan kunida Temurga do'stlari 10 ta rangli qalam, 3 ta o'yinchoq mashina, 4 ta koptok, 1 ta kitob, 3 ta ayiqcha va 2 ta shokolad sovg'a qildi. Unga jami nechta narsa sovg'a qilingan?

37. Aylana soat 4 ta qismga bo'lingan. Har bir qismdagi sonlar yig'indisi ketma-ket sonlar. Quyidagilardan qaysi biri shu bo'linishni ifodalaydi?



38. Malika uydan 06:55 da chiqib ketadi va maktabga 07:32 da yetib keladi. Uning do'sti maktabga 07:45 da yetib keladi va uyi Malikaning uyidan yaqinroq bo'lgani uchun yo'lga Malikadan 12 minut kamroq vaqt sarflaydi. Malikaning do'sti uyidan soat nechada chiqadi?

39. Aziza pol ustida 9 ta kubdan shakl yasadi. Keyin u shaklning yuqoridan ko'rinishini chizdi. Qaysi shakl yasalgan edi?

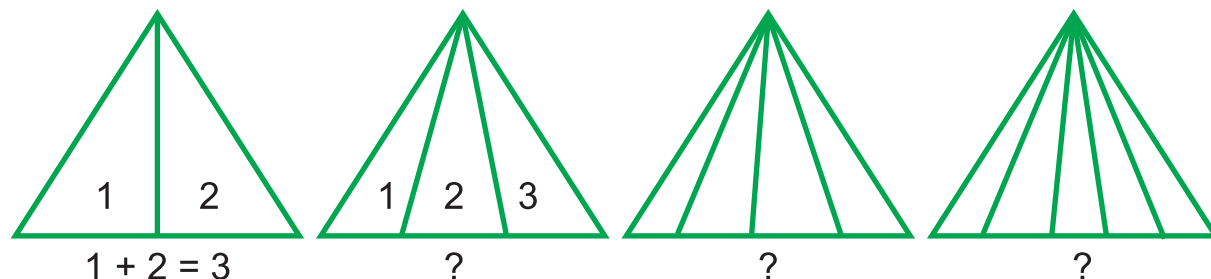


40. Sonli ifodalarning qiymatini toping.

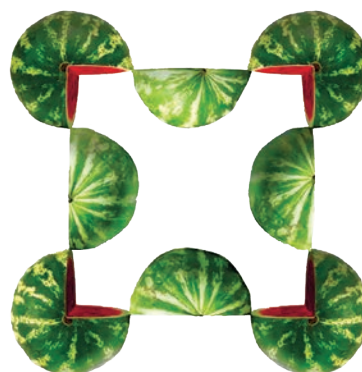
$$1 + 1 \times 1 - 1 \div 1 + (1 + 1 - 1) \div 1 + 1 - (1 - 1)$$

$$1 \div 1 + 1 + 1 \times (1 + 1 \div 1 - 1) \times 1 + 1 - 1 \div (1 + 1 \times 1 - 1)$$

41. Shakllarda nechtdan uchburchak bor?

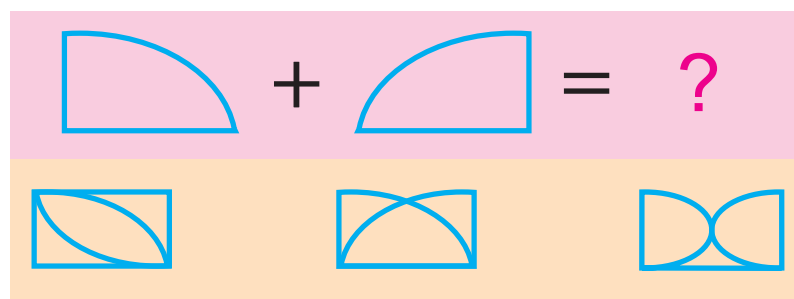


42. Butun tarvuzlar soni nechta?

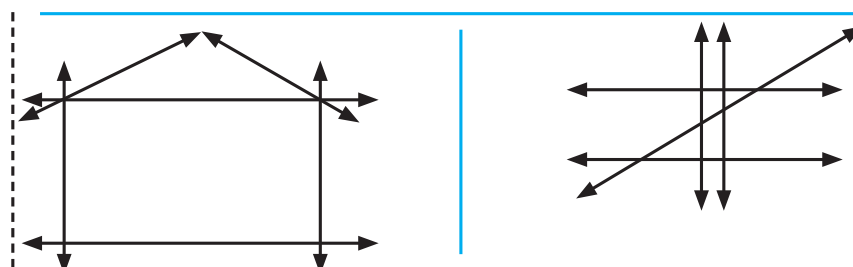


43. Akmal yashaydigan shahar xaritasida bozor C2 koordinatali katakda joylashgan. Do'kon F4 koordinatali katakda joylashgan. Koordinata burchagida bozor va do'kon o'rnini chizamiz.

44. Ikkita shakl ustma-ust qo'yilgan javobni aniqlaymiz.



45. Perpendikulyar va parallel chiziqlarni aniqlaymiz.



XALQARO BAHOLASH DASTURIGA OID TOPSHIRIQLAR

1. Shahardagi bir do'konchada markalar sotiladi. Hayvon tasviri tushirilgan 1 ta marka qiymati multfilm qahramonlari rasmi bor markaning ikkitasiga teng. Hayvon tasviri tushirilgan 2 ta marka qiymati sport o'yinlari tasviri bor markaning uchtasiga teng. Bir nechta bola o'sha do'kondan marka xarid qilishga kirdi.

Markalar xaridi bo'yicha savollarga javob beramiz.

A. Barnoda hayvon tasviri tushirilgan 5 ta marka bor. U multfilm qahramonlari rasmi bor markalardan nechta olishi mumkin?

B. Azizada hayvon tasviri tushirilgan 8 ta marka bor. U sport o'yinlari tasviri bor markalardan nechta olishi mumkin?

D. Karimada hayvon tasviri tushirilgan 6 ta marka bor. U bu markalar evaziga iloji boricha ko'proq marka olmoqchi. U multfilm qahramonlari rasmi bor markalardan nechta olishi mumkin?

2. Kemada 218 nafar yo'lovchi va 191 nafar ekipaj a'zosi bor. Shu kemada jami necha kishi bor?

3. Futbol musobaqasida jamoalar quyidagi ochkolarni yig'ishadi:

g'alaba uchun – 3 ochko;

durang uchun – 1 ochko;

mag'lubiyat uchun – 0 ochko.

«Bunyodkor» jamoasi 11 ochko to'plagan.

«Bunyodkor» jamoasi bu ochkoni to'plash uchun eng kamida nechta o'yin o'tkazgan bo'lishi mumkin?

4. Maftuna maktabdan yo'lga chiqib, 9 minut davomida bir xil tezlikda 540 metr masofani bosib o'tdi. Maftuna shu tezlik bilan 1 minutda necha metr yurgan?

5. Komiljon gugurtcho'plardan 4 ta shakl yasashi kerak. 1-shaklni yasashi uchun unga to'rtta, 2-shaklni yasashi uchun yettita va 3-shaklni yasashi uchun o'nta gugurtcho'p kerak bo'ldi. Shu ketma-ketlikda 4-shaklni yasashi uchun Komiljonga nechta gugurtcho'p kerak bo'ldi? Komiljonga barcha shakllarni yasash uchun nechta gugurtcho'p kerak bo'ladi?

6. Maktabdagi o'yin maydonchasi kvadrat shakliga ega. Uning tomoni uzunligi 100 metrga teng. Rustam shu o'yin maydonchasini tomonlari bo'ylab to'liq aylanib chiqdi. U qancha yo'l yurdi?

7. Javlon bir shaklni chizdi. Bu shakl 5 ta tomon va bitta simmetriya o'qiga ega. Javlon qanday shakl chizdi?

8. Qaysi ta'mdagi muzqaymoqni qancha bola yaxshi ko'radi? Bitta doira 4 ta bolani bildiradi.

Ta'm	Bolalar soni
Vanilin	
Shokolad	
Qulupnay	
Limon	

9. Bo'yoq 5 litrli idishlarda sotiladi. Shokirga 37 litr bo'yoq kerak bo'lib qoldi. U necha idish bo'yoq sotib olishi kerak?

10. Tohir tortning $\frac{1}{2}$ qismini, Javlon esa o'sha tortning $\frac{1}{4}$ qismini yedi. Ular birgalikda tortning qancha qismini yegan?

11. Basketbol o'yiniga sotilgan mingta chipta 1 dan 1000 gacha sonlar bilan raqamlangan. Raqamlanishi 12 bilan tugagan chiptalarning egalari sovringa ega bo'ladilar. Barcha sovrinli chipta raqamlarini yozing.

12. Jadvalda ko'rsatilgan masalliqalar 6 kishiga mo'ljallangan pishiriq retseptini tashkil qiladi. Samad shu retseptdan foydalangan holda uch kishiga pishiriq tayyorlamoqchi. Samad 3 kishiga pishiriq tayyorlashi uchun kerak bo'ladigan masalliqalar miqdorini quyidagi jadval asosida hisoblang.

Masalliqalar	
Tuxum	4
Un	8 stakan
Sut	$\frac{1}{2}$ stakan

13. Karimbekning qo'lidagi ruchkalar sonini $\blacktriangle$ dona deb belgilab olaylik. Karimbekning do'sti Shoislom unga yana 3 ta ruchka berdi. Endi Karimbekda nechta ruchka borligini ifodalang.

- A) $3 \div \blacktriangle$ B) $\blacktriangle + 3$ C) $\blacktriangle - 3$ D) $3 \times \blacktriangle$

14. 600 ta kitobni 5 tadan kitob sig'adigan qutilarga joylab chiqish kerak. Barcha kitoblar uchun zarur bo'ladigan qutilar soni nechta?

15. 9×22 ko'paytmaga eng yaqin bo'lgan javobni belgilang.

- A) 5×20 B) 5×25 C) 10×20 D) 10×25

O'quv nashri

Lolaxon O'rinboyeva, Shuxrat Ismailov, Xolmirza Yusupov,
Nigora Ruzikulova, Umid Raxmonov, Shahlo Haqberdiyeva,
Nargiza Yusupova, Aziza Baymanova

MATEMATIKA

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Sahifalovchi *Shaxobiddin Maxmadiyev*
Musahhih *Xurshidbek Ibrohimov*

Bosishga 06.05.2022-yilda ruxsat etildi. Bichimi 60x84 1/8.
Arial garniturası. Kegli 14 shponli. Ofset bosma.
Shartli bosma tabog'i 22,32. Nashriyot-hisob tabog'i 22,41.
Adadi 000 000 nusxa. Buyurtma № 0000.

Ijaraga beriladigan darslik holatini ko'rsatuvchi jadval

No	O'quvchining ismi va familiyasi	O'quv yili	Darslikning olingandagi holati	Sinf rahbari-ning imzosi	Darslikning topshiril-gandagi holati	Sinf rahbari-ning imzosi
1.						
2.						
3.						
4.						
5.						
6.						

Darslik ijaraga berilib, o'quv yili yakunida qaytarib olinganda yuqoridagi jadval sinf rahbarlari tomonidan quyidagi baholash mezonlariga asosan to'ldiriladi:

Yangi	Darslikning birinchi marta foydalanishga berilgandagi holati.
Yaxshi	Muqova butun, darslikning asosiy qismidan ajralmagan. Barcha varaqlari bor, yirtilmagan, ko'chmagan, betlarida yozuv va chiziqlar yo'q.
Qoniqarli	Muqova ezilgan, birmuncha chizilib, chetlari yedirilgan, darslikning asosiy qismidan ajralish holati bor, lekin qoniqarli ta'mirlangan. Ko'chgan varaqlari qayta joylangan, ayrim betlariga chizilgan.
Qoniqarsiz	Muqova yirtilgan, ustiga chizilgan, asosiy qismidan ajralgan yoki butunlay yo'q, qoniqarsiz ta'mirlangan. Betlari yirtilgan, varaqlari yetishmaydi, chizib, bo'yab tashlangan. Darslikni tiklab bo'lmaydi.