

MATEMATIKA

3

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

MASHQ DAFTARI

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

Yangi nashr

Toshkent – 2022

UO'K 51(075.3)
KBK 22.1ya72
O' 80

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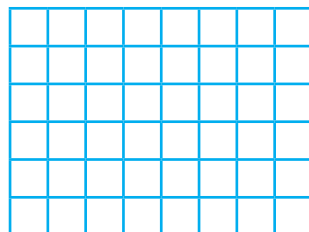
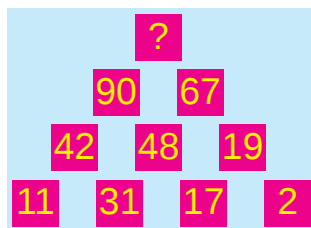
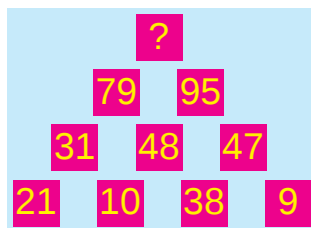
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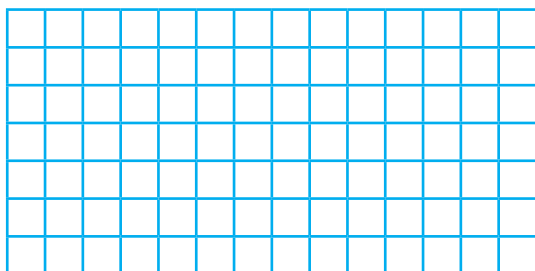
1-BOB. 1-DARS. UCH XONALI SONLAR

1. So‘qor belgisi o‘rnidagi sonlarni topamiz va ularni so‘zlar bilan yozamiz.



2. Sonlarni o‘qiymiz va raqamlar bilan yozamiz:

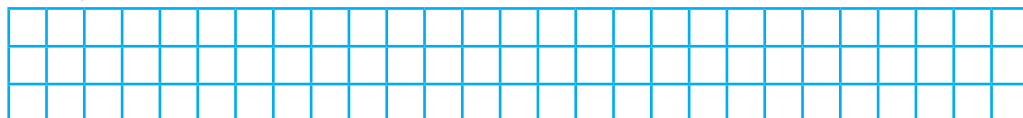
- bir yuz yetmish ikki;
- bir yuz sakson to‘rt;
- ikki yuz to‘qqiz;
- ikki yuz ellik bir;
- ikki yuz oltmish.



3. Berilgan sonlardan oldingi va keyingi sonlarni yozamiz.

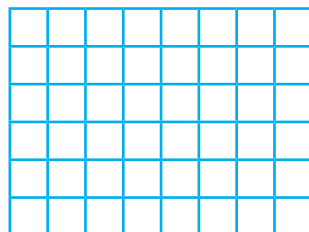
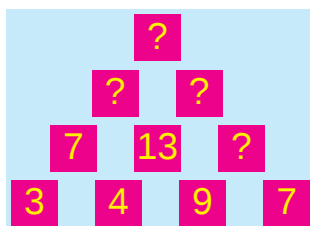
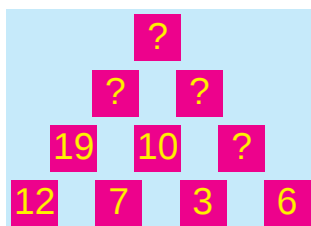
___	___	___	99	___	___	___
___	___	___	123	___	___	___
___	___	___	150	___	___	___

4. Sarvar yog‘ochni 1 minutda 2 ga bo‘lishi mumkin. U yog‘ochni 6 qismga bo‘lmoqchi. Sarvar necha minutda buni udalay oladi?



1-BOB. 2-DARS. UCH XONALI SONLAR

1. So'roq belgisi o'rnidagi sonlarni topamiz va ularni so'zlar bilan yozamiz.



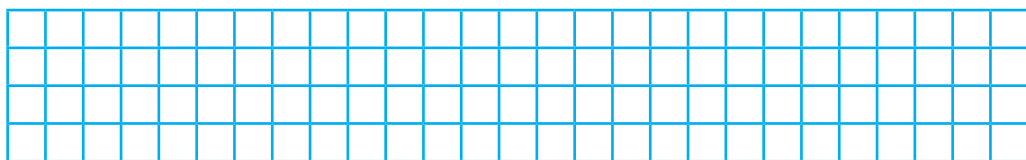
2. Raqamlardan faqat bir martadan foydalanib eng kichik va eng katta uch xonali son tuzamiz.

1, 5, 6;

1, 2, 3;

2, 5, 9;

3, 0, 1.



3. Sonlarni o'sib borish tartibida yozamiz.

145

137

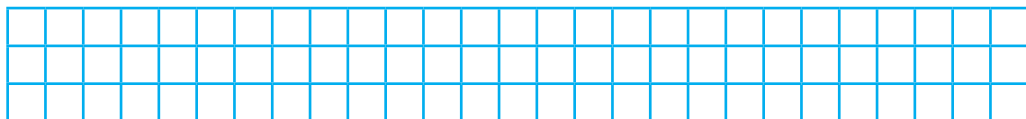
148

153

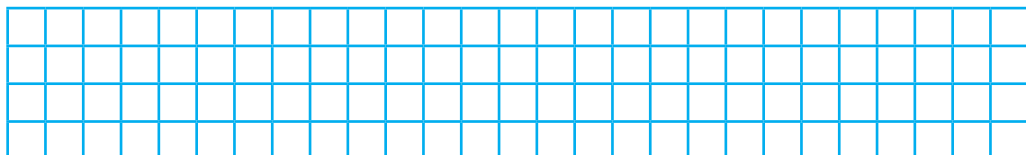
167

217

209



4. Bir gala o'rdak uchdi: bir o'rdak oldinda, ikkitasi orqada; biri orqada, ikkitasi oldinda; ketma-ket ikkita va uchta, o'rtasida bitta. Nechta o'rdak bor edi?



1-BOB. 3-DARS. UCH XONALI SONLAR

1. Raqamlar bilan yozamiz va o'qiymiz:

- bir yuz yetmish;
- ikki yuz;
- to'rt yuz bir;
- uch yuz sakson to'rt;
- to'rt yuz qirq.

2. Noma'lum tarkibiy qismlarni topamiz.

$$\begin{array}{rcl} 65 & - & \text{ } = 48 \\ - & - & \\ \text{ } & + & \text{ } = \text{ } \\ = & = & = \\ 44 & - & \text{ } = 9 \end{array}$$

$$\begin{array}{rcl} 95 & - & \text{ } = 87 \\ - & - & \\ \text{ } & + & \text{ } = \text{ } \\ = & = & = \\ 80 & - & \text{ } = 77 \end{array}$$

3. Jadvalni to'ldiramiz.

	Yozilishi	O'qilishi
1 yuzlik 7 o'nlik 0 birlik	170	Bir yuz yetmish
2 yuzlik 3 o'nlik 3 birlik		
3 yuzlik 3 o'nlik 3 birlik		
4 yuzlik 0 o'nlik 9 birlik		
5 yuzlik 1 o'nlik 0 birlik		

4. Zaynab, Temur va To'liqin 14-, 17-, 19-uylarda yashaydi. Agar Zaynab 19- va 17-uylarda, Temur esa 19-uyda yashamasa, har bir bola qaysi uyda yashaydi?

1-BOB. 4-DARS. UCH XONALI SONLAR

1. Sonlarni kamayib borish tartibida yozamiz.

310 270 124 167 169 307 311

2. Har bir raqamdan faqat bir marta foydalanib uch xonali sonlar tuzamiz.

1, 2, 3, 4.

3. Hisoblaymiz.

$$19 + (51 - 38) = \underline{\quad\quad\quad} \qquad (87 - 57) + 12 = \underline{\quad\quad\quad}$$

$$(45 - 39) \times 8 = \underline{\quad\quad\quad} \qquad 64 \div (87 - 79) = \underline{\quad\quad\quad}$$

4. Vohid, Diyor va Po'lat misol yechish bo'yicha raqobatlashdi. Bolalardan biri 12 ta, ikkinchisi 13 ta, uchinchi 14 ta misol yechdi. Agar Po'lat Diyordan, Diyor esa Vohiddan kam misol yechgan bo'lsa, har bir bola nechta misol yechdi?

1-BOB. 5-DARS. UCH XONALI SONLAR

1. Noma'lum tarkibiy qismlarni topamiz.

Three boxes showing number relationships. Each box contains three equations with circles for unknowns. Box 1: $45 - () = 40$, $() + () = ()$, $26 - () = 1$. Box 2: $72 - () = 69$, $() + () = ()$, $11 - () = 5$. Box 3: $94 - () = 73$, $() + () = ()$, $42 - () = 14$. Arrows indicate relationships between the equations in each box.

2. Xadicha 21:30 da uxlaydi va ertalab 06:45 da uygʻonadi. Uning akasi Maqsud esa Xadichadan 1 soat-u 50 minut koʻproq uxlaydi. Maqsud jami necha soat-u necha minut uxlaydi?

[illegible]

3. Hisoblaymiz.

$$33 - (3 + 4 + 1 + 19) = \underline{\hspace{2cm}}$$

$$33 - 3 + 4 + 1 + 19 = \underline{\hspace{2cm}}$$

$$(2 + 13) - (2 + 10 + 2) = \underline{\hspace{2cm}}$$

$$(50 - 40) - (30 - 20 - 10) = \underline{\hspace{2cm}}$$

[illegible]

4. 700 dan 800 gacha sonlar orasida nechta 7 raqami ishtirok etadi? 6 raqami-chi?

[illegible]

1-BOB. 6-DARS. MINGLIK

1. Sonlarni kamayish va o'sib borish tartibida yozamiz. O'rta-da turgan sonlarni yozamiz.

810 820 830 870 860 840 850

2. Jasmina, Komila, Sevara va Hilolalarning tug'ilgan kunlari 1-mart, 17-may, 20-iyul va 20-martda. Komila va Sevara bir xil oyda tug'ilgan. Jasmina va Sevaraning tug'ilgan kunlarining sanasi bir, ammo turli xil oylarda. Kimning tug'ilgan kuni 17-mayda?

3. Hisoblaymiz.

$$50 + 40 - (30 + 20 + 10) = (50 + 40) - 30 + 20 + 10 =$$

$$(31 - 5 + 21) + 36 - 2 = 39 + (26 - 8 - 14) - 8 =$$

4. Sonlardagi 3 raqami qaysi xona birligini anglatadi?

301 437 303 330 333 783 834

1-BOB. 7-DARS.

UCH XONALI SONNING XONA BIRLIKLARI YIG'INDISI

1. Sonlarni xona birliklari yig'indisi ko'rinishida yozamiz.

111 145 187 193 220 263 425

2. Yig'indilarga mos sonlarni topamiz.

$100 + 70 + 7$; $200 + 80 + 5$; $200 + 50$; $900 + 80 + 4$.

3. Hisoblaymiz.

$$1 \times 9 \times 10 - 16 + 5 = \quad \quad \quad 10 + (4 \times 4 + 39) - 38 =$$

$$28 + 9 \times 3 - (25 + 10) = \quad \quad \quad 40 + 26 + 11 - (4 - 1) =$$

4. Bo'sh kataklarni to'ldiramiz.

$$124 = \boxed{} + \boxed{} + \boxed{}$$

$$324 = \boxed{} + \boxed{} + \boxed{}$$

$$524 = \boxed{} + \boxed{} + \boxed{}$$

$$747 = \boxed{} + \boxed{} + \boxed{}$$

$$666 = \boxed{} + \boxed{} + \boxed{}$$

$$948 = \boxed{} + \boxed{} + \boxed{}$$

1-BOB. 8–9-DARS.

UCH XONALI SONNING XONA BIRLIKLARI YIG'INDISI

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

O'rta asrning buyuk qomusiy olimi Abu Rayhon Muhammad ibn Ahmad Beruniy to'qqiz yuz yetmish uchinchi yili 9-sentyabrda Xorazmning qadimgi poytaxti Kot shahrida tug'ildi.

O'z ilmiy asarlaridan birida yozishicha, u Xorazmda yashagan davrida, to'qqiz yuz to'qsoninchi yillardan boshlab muhim astronomik kuzatishlar o'tkazgan.

So'ng qadimgi Ray shahriga bordi, to'qqiz yuz to'qson sakkizinchi yildan keyin yana Jurjonga keldi va bu yerda o'zining ikkinchi ustози – tabib, astronom, faylasuf Abu Sahl Iso Masihiy bilan tanishib, undan ta'lim oldi. Beruniy “Osorul-boqiya anil-qurunil-xoliya” (“Qadimgi xalqlardan qolgan yodgorliklar”) asarini Jurjonda yoza boshlagan va minginchi yilda tamomlagan.

2. Nazaratchi odatda 17:00 da ishxonadan chiqib ketadi. Menejerlar ishxonani bir yarim soatdan keyin tark etadi. Odatda menejerlar ishxonani qachon tark etishadi?

3. Quyidagi sonlardagi 5 raqami qaysi xonada ekanini topamiz.

105

155

587

555

115

251

501

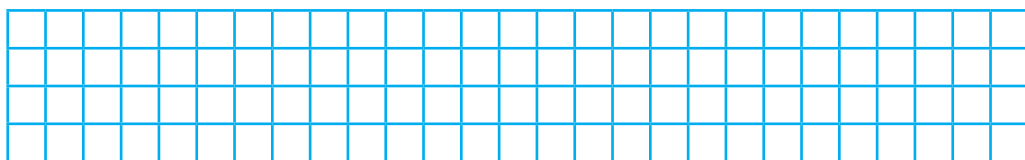
1-BOB. 10-DARS. MING SONING XONA BIRLIKLARI YIG'INDISI

1. Noma'lum tarkibiy qismlarni topamiz.

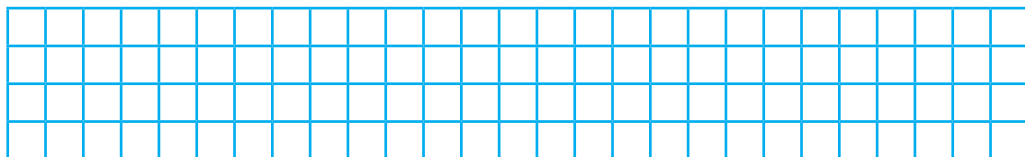
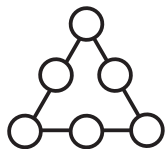
$\boxed{?} + \boxed{2} = \boxed{}$ $\boxed{} - \boxed{8} = \boxed{}$ $\boxed{} \times \boxed{18} = \boxed{}$ $\boxed{} \div \boxed{9} = \boxed{}$ $\boxed{} = \boxed{8}$	$\boxed{?} + \boxed{16} = \boxed{}$ $\boxed{} - \boxed{18} = \boxed{}$ $\boxed{} - \boxed{4} = \boxed{}$ $\boxed{} \times \boxed{8} = \boxed{56}$	$\boxed{?} + \boxed{20} = \boxed{}$ $\boxed{} \div \boxed{2} = \boxed{}$ $\boxed{} - \boxed{13} = \boxed{}$ $\boxed{} + \boxed{14} = \boxed{20}$
--	--	---

2. Noma'lum tarkibiy qismlarni topamiz.

$52 - \underline{\hspace{1cm}} = 27$	$\underline{\hspace{1cm}} - 15 = 44$	$26 - 14 = \underline{\hspace{1cm}}$
$56 - \underline{\hspace{1cm}} = 32$	$84 - \underline{\hspace{1cm}} = 36$	$43 - 17 = \underline{\hspace{1cm}}$



3. Doiralarni 1 dan 6 gacha raqamlar bilan (takrorlanmasdan) to'ldiring, shunda sehrli uchburchakning har bir tomonidagi sonlar yig'indisi 11 ga teng bo'ladi.



1-BOB. 11-DARS. UCH XONALI SONLARNI TAQQOSLASH

1. Sonlarning qaysi xona birliklari teng? Ularni taqqoslaymiz.

317 va 329 418 va 419 686 va 686 352 va 357

2. 1, 2, 3, 4, 5, 6, 7, 8, 9 sonlarni shunday joylashtiringki, har bir ustun, satrlar yig'indisi 15 ga teng bo'lsin.

3. Taqqoslaymiz.

123 ○ 223	650 ○ 670	189 ○ 187	555 ○ 666	1000 ○ 1000
245 ○ 246	330 ○ 430	445 ○ 456	717 ○ 727	981 ○ 937

4. Noma'lum tarkibiy qismlarni topamiz.

$2 \times 2 = \underline{\quad}$ $5 \times 2 = \underline{\quad}$ $\underline{\quad} \times 2 = 12$ $5 \times \underline{\quad} = 25$

$2 \times 5 = \underline{\quad}$ $\underline{\quad} \times 5 = 40$ $\underline{\quad} \times 5 = 35$ $5 \times \underline{\quad} = 50$

$7 \times 10 = \underline{\quad}$ $6 \times 10 = \underline{\quad}$ $\underline{\quad} \times 10 = 40$ $3 \times \underline{\quad} = 30$


$$5 + 7 + 9 - 1 = \underline{\hspace{2cm}}$$

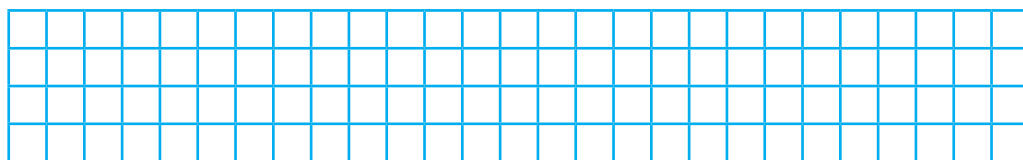
$$10 + 2 \times 4 \times 3 = \underline{\hspace{2cm}}$$

$$3 + 5 \times 2 \times 6 =$$

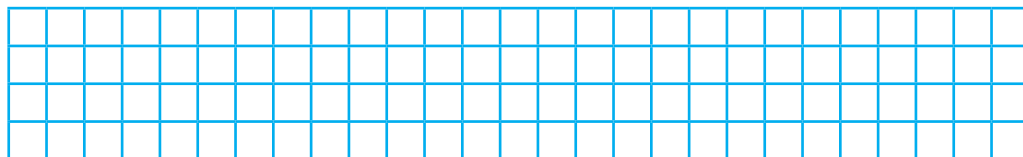
$3 - 1 - 1 + 1 =$

$$9 + 5 \times 4 + 10 =$$

$$1 \times 4 + 10 + 9 =$$



3. Uchta qutida 42 kg sabzavot bor. Birinchi ikkitasida jami 27 kg sabzavot bor. Agar ikkinchi qutidagi sabzavot uchinchisidagidan 4 kg kam bo'lsa, birinchi qutida necha kg sabzavot bor?



$$\begin{array}{r} 1. \quad 65 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 41 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 63 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 64 \\ + 26 \\ \hline \end{array}$$

[illegible]

7	3		6	8			9	
5	9			7	4			
	4	6		2	5		3	1
4			1	3		2		9
3	1	7	5	9				
		9				1	5	3
		8	2		3	6	4	
2			8		9	3		7
1	6	3		5	7		8	

	1						2	
2								8
6		5	4		8	1		9
4		3	7		9	5		1
5								7
1								3
9		1	2	4	3	7		6
8			9	1	7			4
	4						1	

Sonlar	Yuzlik	O'nlik	Birlik
293			
364			
417			
584			
604			
721			
805			
933			

2-BOB. 1-DARS. 1000 ICHIDA SONLARNI QO'SHISH USULLARI

1. Noma'lum tarkibiy qismlarni topamiz.

1) $980 + \underline{\hspace{2cm}} = 1000$

2) _____ + 620 = 1000

3) + 250 = 1000

4) $310 + \underline{\hspace{2cm}} = 1000$

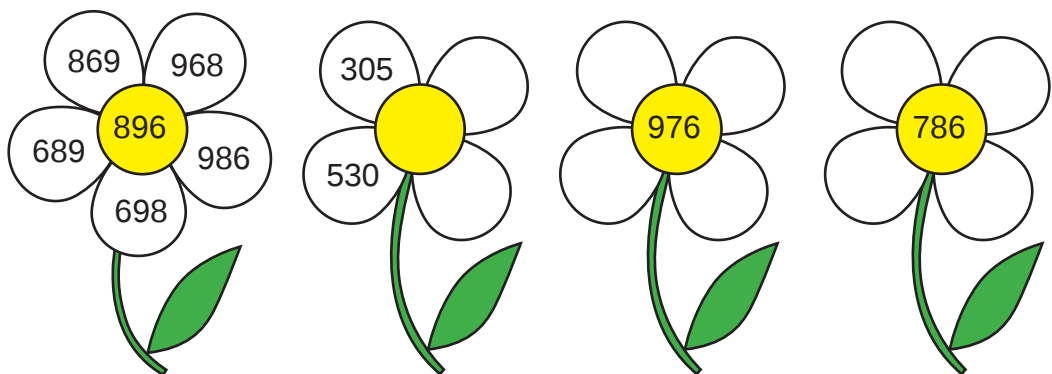
$$5) \quad + 240 = 1000$$

6) $+ 90 = 1000$

7) $570 + \quad = 1000$

8) $89 + \quad = 1000$

2. Namuna asosida tushib qolgan sonlarni toping.



3. Bog‘bon 37 tup ko‘chat payvand qilganidan keyin yana 63 tup ko‘chat qoldi. Bog‘bon hammasi bo‘lib necha tup ko‘chat payvandlashi kerak?

[illegible]

2-BOB. 2-DARS. 1000 ICHIDA SONLARNI QO'SHISH USULLARI

1. Hisoblaymiz.

1) $70 + 650 = \underline{\quad}$ 2) $80 + 910 = \underline{\quad}$ 3) $60 + 930 = \underline{\quad}$

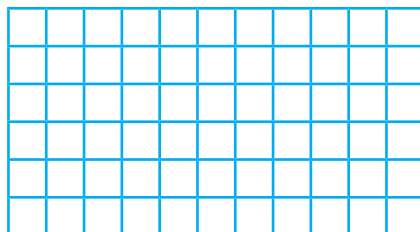
4) $30 + 350 = \underline{\quad}$ 5) $30 + 760 = \underline{\quad}$ 6) $70 + 790 = \underline{\quad}$

2. Mevalarning massasini topamiz.

Olcha – 20 g

Olxo'ri – ?, 90 g ko'p

Olma – ?, 100 g ko'p



3. Bo'sh kataklarni to'ldiramiz va xulosa qilamiz.

2			8				16
				42			48
	52						64
			72	74			

1				9			
					43		
			55	57		61	
65						77	

4. Berilgan maydonni to'ldirish uchun yana nechta plitka kerak bo'ladi? Daftaramizga chizamiz.



2-BOB. 3-DARS. 1000 ICHIDA SONLARNI QO'SHISH USULLARI

1. Hisoblaymiz.

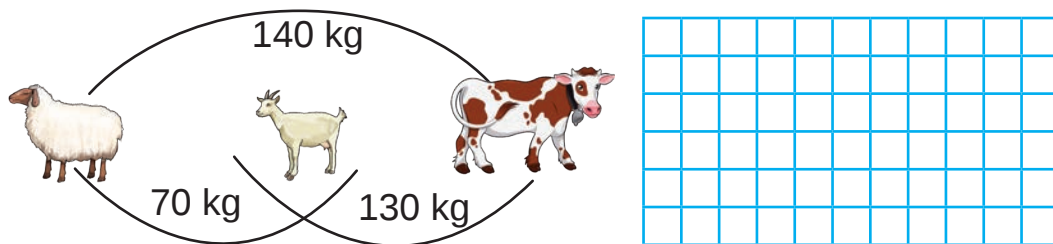
1) $20 + 90 + 60 + 20 = \underline{\hspace{2cm}}$ 2) $40 + 70 + 70 + 50 = \underline{\hspace{2cm}}$

3) $90 + 10 + 30 + 90 = \underline{\hspace{2cm}}$ 4) $30 + 10 + 40 + 40 = \underline{\hspace{2cm}}$

2. Taqqoslaymiz.

294 533	760 670	199 200	563 737	1000 100	909 606
429 409	847 847	128 356	465 466	984 934	374 843

3. Rasmdagi ma'lumotlar asosida echkinging massasini topamiz.



4. O'zbekiston hududidagi 1000 turdagi o'simlik tekshirilganda ularning 700 turi dorivor, shundan 120 turidan esa dori-darmon tayyorlashda foydalanilishi aniqlandi.

- O'simliklarning qancha turi dorivor xususiyatga ega emas?
- Dorivor o'simliklarning qanchasidan dori-darmon tayyorlashda foydalanilmaydi?

2-BOB. 4-DARS. 1000 ICHIDA SONLARNI QO'SHISH USULLARI

1. Hisoblaymiz.

1) $286 + 5 = \underline{\hspace{2cm}}$ 2) $748 + 3 = \underline{\hspace{2cm}}$ 3) $994 + 2 = \underline{\hspace{2cm}}$

4) $366 + 6 = \underline{\hspace{2cm}}$ 5) $597 + 5 = \underline{\hspace{2cm}}$ 6) $491 + 3 = \underline{\hspace{2cm}}$

2. Hisoblaymiz.

a)	$16 - 5 = \underline{\hspace{2cm}}$	$160 - 50 = \underline{\hspace{2cm}}$
b)	$8 + 23 = \underline{\hspace{2cm}}$	$80 + 230 = \underline{\hspace{2cm}}$
c)	$34 - 6 = \underline{\hspace{2cm}}$	$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
d)	$7 + 19 = \underline{\hspace{2cm}}$	$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
e)	$4 + 47 = \underline{\hspace{2cm}}$	$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
f)	$53 - 9 = \underline{\hspace{2cm}}$	$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
g)	$3 + 68 = \underline{\hspace{2cm}}$	$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
h)	$85 + 7 = \underline{\hspace{2cm}}$	$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

3. Quyuncha 64 ta qo'ziqorin va 86 ta sabzi yig'di. Uning do'sti Kirpi 70 ta qo'ziqorin va qo'ziqorinlarga qaraganda 5 ta kam olma yig'di. Quyuncha va Kirpi birgalikda nechta qo'ziqorin yig'ishdi? Qaysi biri eng ko'p mahsulot yig'di?

4) $200 + 200 =$ 5) $500 + 300 =$ 6) $300 + 400 =$

a)

740		260		
480	260	0		

b)

920 + 80		
920	80	
880	40	

[illegible]

b) Chorshanba kuni Robiya 55 quti, Laylo esa 43 quti shirinlik tarqatdi. Qizlar seshanba va chorshanba kunlari necha qutidan shirinlik tarqatishgan? Jami ikki kunda-chi?

[illegible]

2-BOB. 6-DARS. 1000 ICHIDA SONLARNI QO'SHISH USULLARI

1. Hisoblaymiz.

$$\begin{array}{r} 1. \quad 805 \\ + \quad 170 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 581 \\ + \quad 10 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 646 \\ + \quad 203 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 560 \\ + \quad 307 \\ \hline \end{array}$$

2. Namuna asosida hisoblaymiz.

$$3 + 76 + 7 = (3 + 7) + 76 = 10 + 76 = 86$$

$$4 + 81 + 6 = \underline{\quad\quad\quad} \quad 12 + 21 + 8 = \underline{\quad\quad\quad} \quad 27 + 45 + 23 = \underline{\quad\quad\quad}$$

$$38 + 46 = (30 + 8) + (40 + 6) = (30 + 40) + (8 + 6) = 70 + 14 = 70 + 10 + 4 = 80 + 4 = 84$$

$$46 + 16 = \underline{\quad\quad\quad} \quad 75 + 27 = \underline{\quad\quad\quad} \quad 87 + 18 = \underline{\quad\quad\quad}$$

3. Noma'lum tarkibiy qismlarni topamiz.

$$1) \underline{\quad\quad\quad} + 200 = 1000$$

$$2) \underline{\quad\quad\quad} + 400 = 700$$

$$3) \underline{\quad\quad\quad} + 400 = 1000$$

$$4) \underline{\quad\quad\quad} + 400 = 500$$

$$5) 700 + \underline{\quad\quad\quad} = 900$$

$$6) \underline{\quad\quad\quad} + 100 = 1000$$

2-BOB. 7-DARS. 1000 ICHIDA SONLARNI QO'SHISH USULLARI

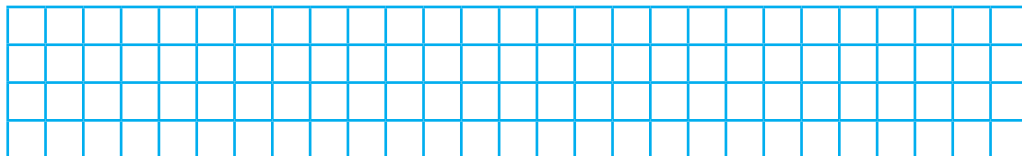
1. Hisoblaymiz.

$$\begin{array}{r} 1. \quad 545 \\ + 331 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 703 \\ + 155 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 623 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 453 \\ + 411 \\ \hline \end{array}$$



2. Namuna asosida hisoblaymiz: $7 + 5 = 12$, $7 - 5 = 2$.

$$\triangle + \bigcirc = 12$$

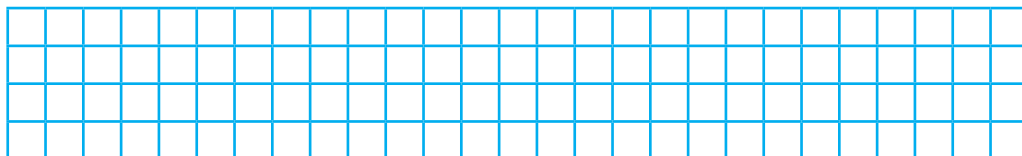
$$\square \times \triangle = 24$$

$$\bigcirc \times \square = 54$$

$$\triangle - \bigcirc = 4$$

$$\square + \triangle = 11$$

$$\bigcirc + \square = 15$$



3. Shartli o'lchovlarda hayvonlarning massasini topamiz. Buning uchun shartli belgilarning mos miqdorini jadvalga joylaymiz.

Hayvonlar	Massasi (kg)
Qo'y (50 kg)	
Buzoq (150 kg)	
Ot (750)	
 = 50 kg	

$$\begin{array}{r} 1. \quad 110 \\ \quad 451 \\ + 379 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 64 \\ 482 \\ + 352 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 151 \\ \quad 149 \\ + 135 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 221 \\ \quad 342 \\ + 381 \\ \hline \end{array}$$

0%	50%	100%	50%	0%

330 160 220

430 500 340

A blank 10x10 grid of squares, consisting of 10 columns and 10 rows, with thin black lines forming the grid.[illegible][illegible]

2-BOB. 10-DARS. 1000 ICHIDA SONLARNI AYIRISH USULLARI

1. Noma'lum tarkibiy qismlarni topamiz.

1) $\underline{\quad} - 3 = 77$

2) $56 - \underline{\quad} = 48$

3) $44 - \underline{\quad} = 37$

4) $38 - 9 = \underline{\quad}$

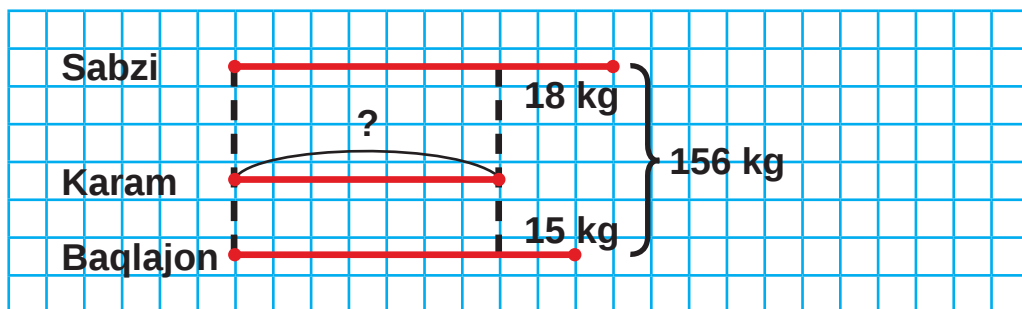
5) $\underline{\quad} - 6 = 4$

6) $24 - 8 = \underline{\quad}$

2. Beshta 1 va amal belgilari yordamida 100 ni qanday hosil qilish mumkin?



3. Karam necha kilogramm?



4. Bo'sh kataklarni to'ldiramiz.

$$\begin{array}{r} 791 \\ - \underline{\quad} \\ 680 \end{array}$$

$$\begin{array}{r} \underline{\quad} \\ - 12 \\ 493 \end{array}$$

$$\begin{array}{r} \underline{\quad} \\ - 200 \\ 600 \end{array}$$

$$\begin{array}{r} 709 \\ - \underline{\quad} \\ 103 \end{array}$$

$$\begin{array}{r} 805 \\ - 204 \\ \underline{\quad} \end{array}$$

$$\begin{array}{r} 614 \\ - 503 \\ \underline{\quad} \end{array}$$

$$\begin{array}{r} \underline{\quad} \\ - 46 \\ 60 \end{array}$$

$$\begin{array}{r} 579 \\ - \underline{\quad} \\ 469 \end{array}$$

$$\begin{array}{r} \underline{\quad} \\ - 101 \\ 300 \end{array}$$

$$\begin{array}{r} 601 \\ - \underline{\quad} \\ 501 \end{array}$$

$$\begin{array}{r} 606 \\ - 503 \\ \underline{\quad} \end{array}$$

$$\begin{array}{r} \underline{\quad} \\ - 500 \\ 300 \end{array}$$

2-BOB. 11-DARS. 1000 ICHIDA SONLARNI AYIRISH USULLARI

1. Noma'lum tarkibiy qismlarni topamiz.

$$359 - 6 = \underline{\hspace{2cm}}$$

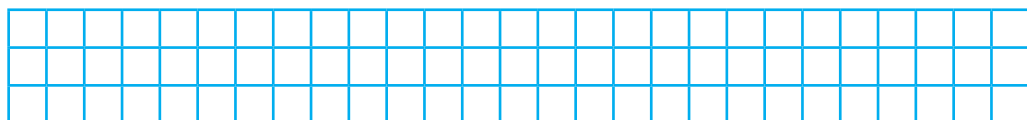
$$425 - 5 = \underline{\hspace{2cm}}$$

$$341 - 6 = \underline{\hspace{2cm}}$$

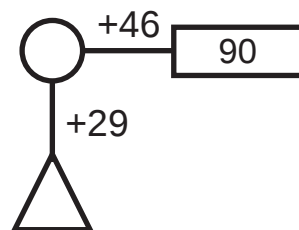
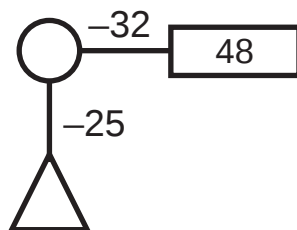
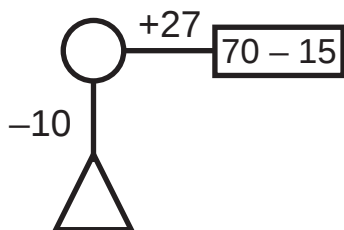
$$723 - 2 = \underline{\hspace{2cm}}$$

$$903 - 9 = \underline{\hspace{2cm}}$$

$$712 - 8 = \underline{\hspace{2cm}}$$



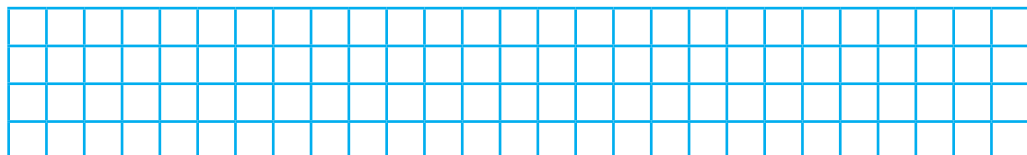
2. Noma'lum tarkibiy qismlarni topamiz.



3. Masalalarni yechamiz.

a) Alisher bog'dan 346 ta olma terdi. U do'stiga bir qancha olma berdi. Unda 9 ta olma qoldi. U do'stiga nechta olma berdi?

b) Emlash dasturi davomida 567 nafar boladan 26 nafari emlandi. Yana qancha bola emlanishi kerak?



2-BOB. 13-DARS. 1000 ICHIDA SONLARNI AYIRISH USULLARI

1. Hisoblaymiz.

$$993 - 100 = \underline{\quad}$$

$$385 - 100 = \underline{\quad}$$

$$784 - 500 = \underline{\quad}$$

$$923 - 700 = \underline{\quad}$$

$$856 - 100 = \underline{\quad}$$

$$889 - 500 = \underline{\quad}$$

2. Noma'lum tarkibiy qismlarni topamiz.

a.

$$\begin{array}{r} \square + 25 = 50 \\ + \quad + \\ \square + \square = 10 \\ = \quad = \\ 30 \quad 30 \end{array}$$

b.

$$\begin{array}{r} \square + 14 = 113 \\ + \quad + \\ \square + \square = 101 \\ = \quad = \\ 110 \quad 104 \end{array}$$

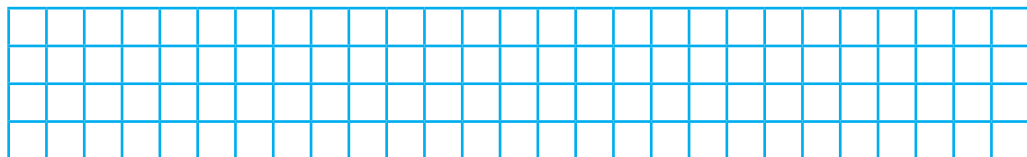
c.

$$\begin{array}{r} 40 - \square = 25 \\ - \quad - \\ \square - \square = 30 \\ = \quad = \\ 5 \quad 10 \end{array}$$

d.

$$\begin{array}{r} 87 - \square = 69 \\ - \quad - \\ \square - \square = 66 \\ = \quad = \\ 7 \quad 4 \end{array}$$

3. Kattalar sport formasini tikish uchun 350 cm, bolalar sport formasi uchun esa undan 120 cm kam mato sarflanadi. Ikki-ta kattalar sport formasi uchun sarflangan mato uchta bolalar sport formasiga sarflangan matodan qanchaga ko'p?



2-BOB. 14-DARS. 1000 ICHIDA SONLARNI AYIRISH USULLARI

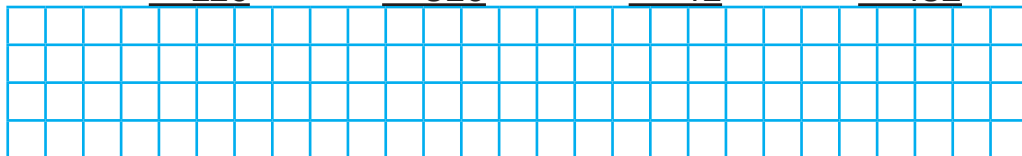
1. Hisoblaymiz.

$$\begin{array}{r} 1. \quad 477 \\ - 110 \\ \hline \end{array}$$

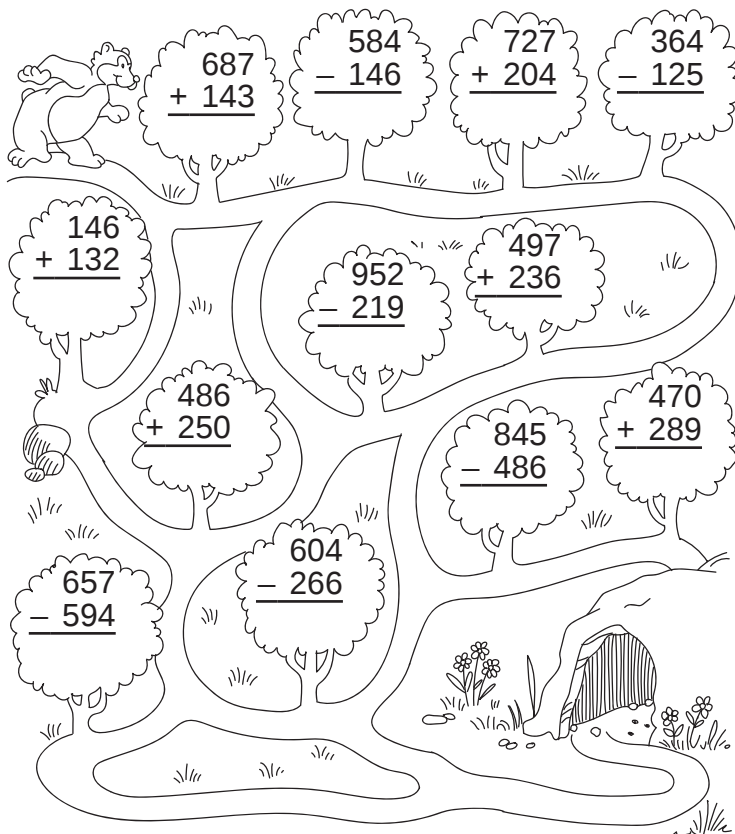
$$\begin{array}{r} 2. \quad 677 \\ - 310 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 749 \\ - 41 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 575 \\ - 432 \\ \hline \end{array}$$



2. Ayiqqa uyiga yetib borishda yordamlashamiz.



2-BOB. 15-DARS. 1000 ICHIDA SONLARNI AYIRISH USULLARI

1. Hisoblaymiz.

$$\begin{array}{r} 1. \quad 400 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 900 \\ - 72 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 900 \\ - 701 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 500 \\ - 285 \\ \hline \end{array}$$

2. Noma'lum tarkibiy qismlarni topamiz.

$$\begin{array}{r} 1. \quad 701 \\ - \boxed{} \\ \hline 680 \end{array}$$

$$\begin{array}{r} 2. \quad \boxed{} \\ - 12 \\ \hline 493 \end{array}$$

$$\begin{array}{r} 3. \quad \boxed{} \\ - 200 \\ \hline 600 \end{array}$$

$$\begin{array}{r} 4. \quad 709 \\ - \boxed{} \\ \hline 103 \end{array}$$

$$\begin{array}{r} 5. \quad 805 \\ - 204 \\ \hline \boxed{} \end{array}$$

$$\begin{array}{r} 6. \quad \boxed{} \\ - 12 \\ \hline 493 \end{array}$$

$$\begin{array}{r} 7. \quad 509 \\ - \boxed{} \\ \hline 469 \end{array}$$

$$\begin{array}{r} 8. \quad \boxed{} \\ - 101 \\ \hline 300 \end{array}$$

$$\begin{array}{r} 9. \quad 601 \\ - \boxed{} \\ \hline 501 \end{array}$$

$$\begin{array}{r} 10. \quad 606 \\ - 503 \\ \hline \boxed{} \end{array}$$

3. Natijasi 500 va 650 chiqadigan qo'shish hamda ayirishga doir misollar tuzamiz.

2-BOB. 17-DARS. 1000 ICHIDA SONLARNI AYIRISH USULLARI

1. Tushirib qoldirilgan sonlarni topamiz.

$$\boxed{350} + \boxed{} = \boxed{709} \quad \boxed{} + \boxed{54} = \boxed{858} \quad \boxed{} + \boxed{54} = \boxed{10}$$

$$\boxed{233} + \boxed{} = \boxed{396} \quad \boxed{} + \boxed{30} = \boxed{374} \quad \boxed{} + \boxed{5} = \boxed{417}$$

2. Kitob javonining birinchi qatorida 145 ta, ikkinchi va uchinchi qatorida 120 tadan kitob bor. Javondagi barcha kitoblar nechta? Birinchi qatordagi kitoblar uchinchi qatordagi kitoblardan qancha ko'p?

3. Berilgan sonlarni qo'yib, hisoblaymiz. Necha xil ifoda tuzish mumkin?

$\boxed{} + \boxed{} + \boxed{} = 152$

110	2	90	6	7
80	70	5	10	100

$\boxed{} + \boxed{} - \boxed{} = 20$

2	12	110	8	60
80	1	9	10	40

2-BOB. 19-DARS. AYIRISHGA DOIR MASALALAR

1. Hisoblaymiz.

198	
74	

116	241

972	
661	

836	
222	

580	
	120

2. Jasur va Jamshid bir sinfda o'qiydi va birgalikda maktabga boradi. Jasurning uyidan Jamshidning uyigacha 340 m, Jamshidning uyidan maktabgacha 260 m bo'lsa, Jasur maktabga borib kelguncha qancha masofani bosib o'tadi?

3. Tenglik to'g'ri bo'lishi uchun kerakli sonlarni qo'yamiz.

1) $416 + 532 = \dots + 416 = \dots$ 2) $\dots - 300 = 600$

3) $304 + \dots = 408 + 304 = \dots$ 4) $432 - 432 = \dots$

5) $247 + (123 + 51) = \dots + 123 + 51 = \dots$

6) $768 - \dots = 0$

4. Hisoblaymiz.

$227 - 13 = \underline{\hspace{2cm}}$

$721 - 328 = \underline{\hspace{2cm}}$

$954 - 563 = \underline{\hspace{2cm}}$

$732 - 145 = \underline{\hspace{2cm}}$

$447 - 35 = \underline{\hspace{2cm}}$

$639 - 390 = \underline{\hspace{2cm}}$

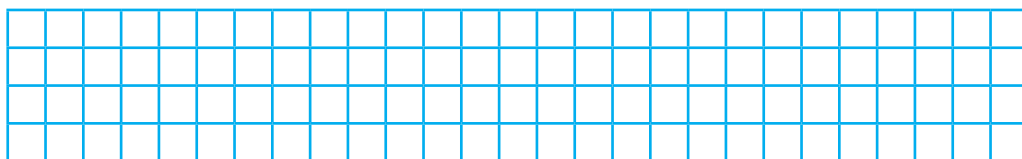
$460 - 272 = \underline{\hspace{2cm}}$

$588 - 197 = \underline{\hspace{2cm}}$

$823 - 623 = \underline{\hspace{2cm}}$

2-BOB. 20-DARS. SONLAR VA SHAKLLAR KETMA-KETLIGINI MANTIQUIY DAVOM ETTIRISH

1. Qator turgan 10 nafar bolaning har birida sonlar yozilgan kartochkalar bor. Birinchi bolaning qo'lida 20, ikkinchi bolaning qo'lida 40, uchinchi bolaning qo'lida 60 sonlari yozilgan kartochka turibdi. Agar sonlar ketma-ketligi shu tartibda berilgan bo'lsa, toq o'rinda turgan bolalar qo'lidagi sonlar yig'indisi nechaga teng?



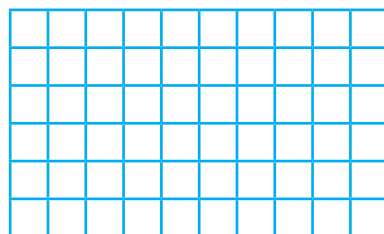
2. Ketma-ketlikni to'ldiramiz.

6, 7, 10, 15, 22, 31, 42,

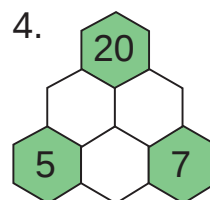
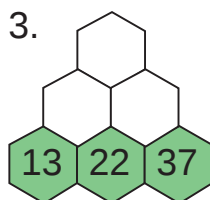
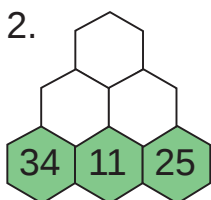
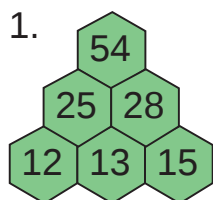
79, , 63, 55, 47, 39,

7, 8, 10, 13, 17, 22, 28,

1, 2, 4, 7, 11,

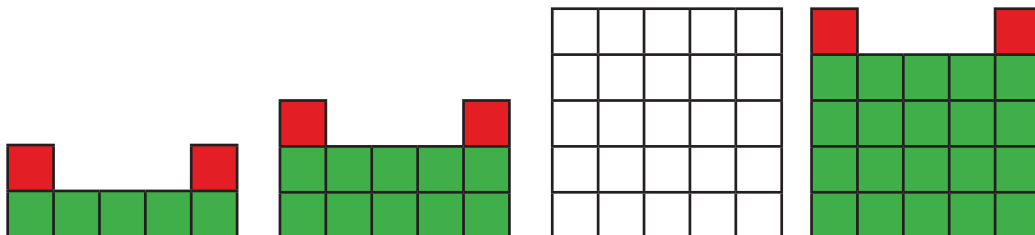


3. Namuna asosida to'ldiramiz.



2-BOB. 21-DARS. SONLAR VA SHAKLLAR KETMA-KETLIGINI MANTIQUIY DAVOM ETTIRISH

1. Bo'sh kataklar qanday bo'yalishi kerak?



2. Sonlar ketma-ketligini davom ettiramiz.

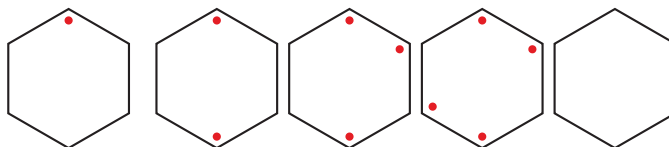
31, 36, 41, 46, ..., ..., ...

8, 32, 40, 48, 56, ..., ..., ...

9, 18, 27, 36, 45, ..., ..., ...

15, 18, 21, 24, ..., ..., ...

3. Shakllarni davom ettiramiz.



A Z C Y E X

5 F 7 H 9 J

3-BOB. 1-DARS. IKKI XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Hisoblaymiz.

1.
$$\begin{array}{r} 52 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 38 \\ \times 2 \\ \hline \square \end{array}$$

3.
$$\begin{array}{r} 58 \\ \times 8 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 26 \\ \times 3 \\ \hline \square \end{array}$$

5.
$$\begin{array}{r} 43 \\ \times 7 \\ \hline \square \end{array}$$

3.
$$\begin{array}{r} 80 \\ \times 3 \\ \hline \square \end{array}$$

2. Noma'lumlarni topamiz.

 +  = 20
 ×  +  = 102
 +  +  = 5
 +  ×  = 37
 +  +  +  = _____

 +  +  +  = 40
 ×  +  = 104
 +  ×  = 29
 ×  +  = 28
 +  +  +  =

[illegible]

3. Sayilgohni obodonlashtirish uchun 8 qatorning har qatori-ga 6 tupdan manzarali daraxt, 15 tupdan buta, 10 donadan gul ko'chati ekildi. Sayilgohga jami qancha ko'chat ekilgan?

[illegible]

3-BOB. 2-DARS. IKKI XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Hisoblaymiz.

$4 \times \underline{\quad} = 32$

$\underline{\quad} \times 10 = 100$

$11 \times \underline{\quad} = 44$

$7 \times \underline{\quad} = 35$

$11 \times 10 = \underline{\quad}$

$11 \times \underline{\quad} = 99$

2. Noma'lumlarni topamiz.

$\text{Orange} \times \text{Orange} = 4$

$\text{Banana} \times \text{Orange} = 15$

$\text{Girl} \times \text{Girl} = 1$

$\text{Orange} \times \text{Apple} = 2$

$\text{Orange} \times \text{Blueberry} = 30$

$\text{Girl} \times \text{Girl} = 2$

$\text{Apple} \times \text{Blueberry} = 7$

$\text{Blueberry} \times \text{Apple} = 80$

$\text{Girl} \times \text{Boy} = 18$

$\text{Blueberry} \times \text{Orange} = 42$

$\text{Apple} \times \text{Watermelon} = 32$

$\text{Boy} \times \text{Boy} = 36$

$\text{Orange} \times \text{Banana} = 30$

$\text{Watermelon} \times \underline{\quad} = 36$

$\text{Boy} \times \text{Girl} = 24$

3. Kutubxonaga shanba kuni 89 nafar kitobxon keldi. Dam olish kuni bo'lgani sababli yakshanbada kitobxonlar soni 2 marta ortdi. Kutubxonaga shanba va yakshanba kunlari jami necha nafar kitobxon kelgan?

3-BOB. 3-DARS. IKKI XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Hisoblaymiz.

$$\begin{array}{llll} 5 \times 13 = \underline{\quad} & 7 \times 31 = \underline{\quad} & 7 \times 33 = \underline{\quad} & 8 \times 55 = \underline{\quad} \\ 8 \times 84 = \underline{\quad} & 6 \times 63 = \underline{\quad} & 8 \times 31 = \underline{\quad} & 5 \times 90 = \underline{\quad} \end{array}$$

2. Noma'lumlarni topamiz.

$\square \times \square + \square = 165$

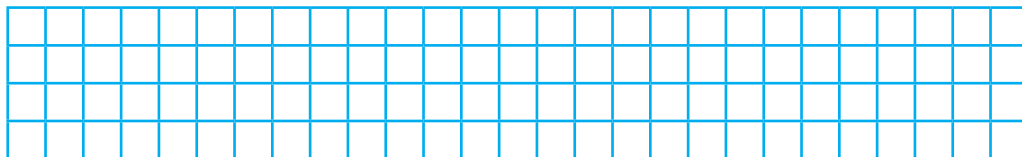
20 5 70 100 9

100 10 80 1 8

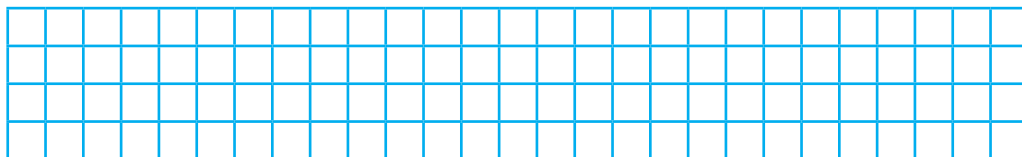
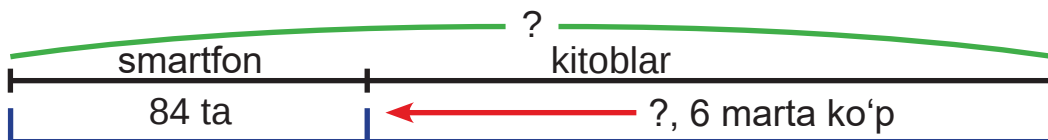
$\square \times \square + \square = 98$

2 8 9 11 50

20 12 6 10 110



3. Jami smartfon va kitoblar nechta?



3-BOB. 4-DARS. IKKI XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Hisoblaymiz.

1.
$$\begin{array}{r} 74 \\ \times 4 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 57 \\ \times 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 61 \\ \times 5 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 28 \\ \times 2 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 27 \\ \times 1 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 63 \\ \times 2 \\ \hline \end{array}$$

2. Noma'lumlarni topamiz.

$\square \times \square + \square = 260$

30 100 80 10 70

5 120 50 11 90

$\square + \square \times \square = 300$

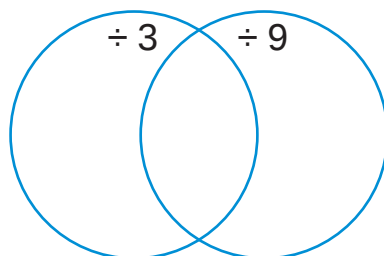
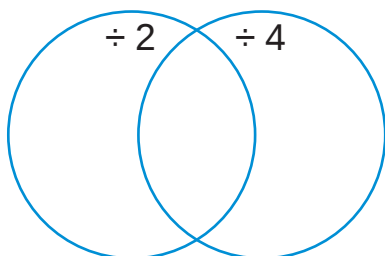
10 11 100 9 12

60 3 8 4 80

3. Moslarini tanlab, aylanalarni to'ldiramiz.

2, 4, 6, 8, 10, 12, 14, 16, 18, 20

6, 9, 12, 15, 18, 21, 24, 27, 30



3-BOB. 5-DARS. IKKI XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Hisoblaymiz.

$$2 \times \underline{\hspace{2cm}} = 100 \quad 2 \times \underline{\hspace{2cm}} = 80 \quad \underline{\hspace{2cm}} \times 80 = 160$$

$$2 \times \underline{\hspace{2cm}} = 140 \quad \underline{\hspace{2cm}} \times 60 = 120 \quad \underline{\hspace{2cm}} \times 50 = 100$$

2. Noma'lumlarni topamiz.

$$\triangle \times \triangle = 4$$

$$\square \times \star = 28$$

$$\text{excavator} \times \text{excavator} = 1$$

$$\triangle \times \heptagon = 10$$

$$\star \times \nabla = 24$$

$$\text{excavator} \times \text{forklift} = 3$$

$$\heptagon \times \text{octagon} = 15$$

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

$$\text{forklift} \times \text{excavator} = 30$$

$$\text{octagon} \times \text{circle} = 27$$

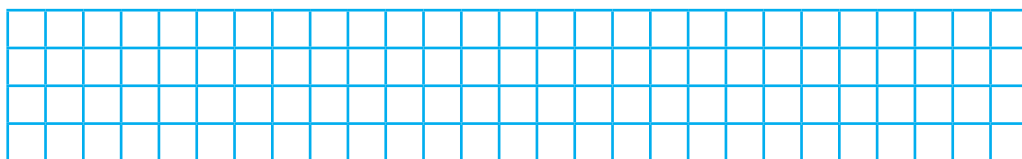
$$\square \times \text{star} = 10$$

$$\text{excavator} \times \text{truck} = 20$$

$$\text{circle} \times \square = 63$$

$$\text{star} \times \text{line} = 80$$

$$\text{truck} \times \text{tractor} = 12$$



3. Namuna asosida hisoblaymiz.

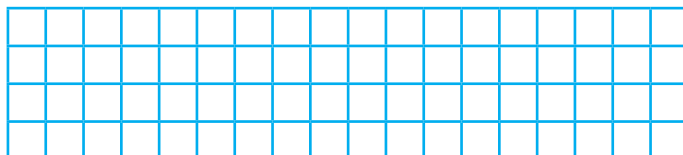
$$\begin{array}{r} 5 \times 28 \\ \swarrow \quad \searrow \\ 20 \quad 8 \\ \downarrow \quad \downarrow \\ \times 5 \quad \times 5 \\ 100 \quad 40 \end{array}$$

$$5 \times 38$$

$$24 \times 5$$

$$17 \times 5$$

$$\boxed{100 + 40 = 140}$$



3-BOB. 6-DARS. IKKI XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Hisoblaymiz.

$$\begin{array}{r} 1. \quad 76 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 98 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 21 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 69 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 19 \\ \times 8 \\ \hline \end{array}$$

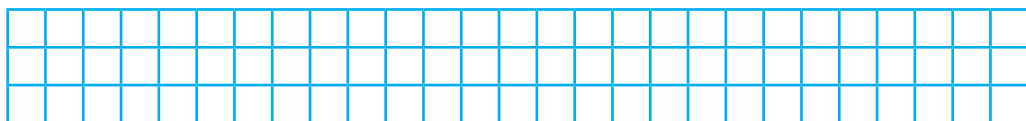
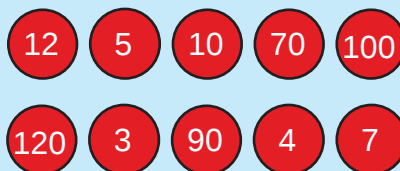
$$\begin{array}{r} 6. \quad 77 \\ \times 2 \\ \hline \end{array}$$

2. Noma'lumlarni topamiz.

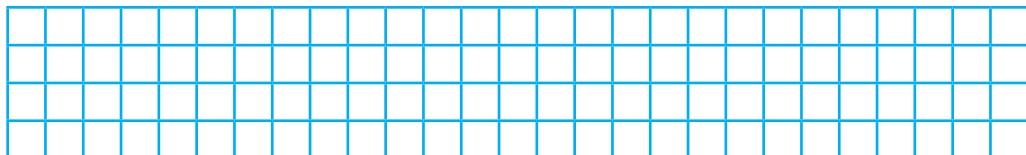
$$\square \times \square + \square = 270$$



$$\square \times \square + \square = 412$$



3. Fermer xo'jaligida bir bosh qoramolga sutkada 25 kg yem beriladi. Shunday 8 ta qoramolga qancha yem beriladi?



3-BOB. 7-DARS. UCH XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Namuna asosida ko'paytiramiz. Qanday xulosaga keldingiz?

$$\begin{array}{r} \times \\ 22 \times 6 = 132 \end{array}$$

$$66 \times 6 = \underline{\quad}$$

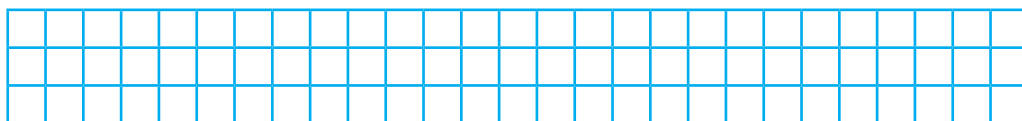
$$77 \times 6 = \underline{\quad}$$

$$88 \times 6 = \underline{\quad}$$

$$33 \times 6 = \underline{\quad}$$

$$44 \times 6 = \underline{\quad}$$

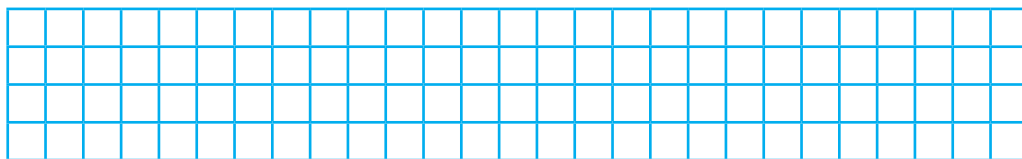
$$55 \times 6 = \underline{\quad}$$



2. Hisoblaymiz.

$$\begin{array}{lll} 8 \times 100 = \underline{\quad} & 4 \times 200 = \underline{\quad} & 5 \times 200 = \underline{\quad} \\ 6 \times 100 = \underline{\quad} & 6 \times 150 = \underline{\quad} & 9 \times 100 = \underline{\quad} \\ 2 \times 400 = \underline{\quad} & 5 \times 150 = \underline{\quad} & 5 \times 100 = \underline{\quad} \end{array}$$

3. Ko'p qavatli binoning har bir xonadoni bir xil shaklda qurilgan. Agar har bir xonadon uchun to'rttadan eshik, oltitadan deraza ishlatilgan bo'lsa, 27 ta xonadon uchun qancha eshik va deraza ishlatilgan?



4. Qonuniyatni aniqlab, noma'lumni topamiz.

$$\begin{array}{ccc} & 7 & \\ 4 & \times & 2 \\ & 6 & \end{array}$$

$$\begin{array}{ccc} & 9 & \\ 8 & \times & 1 \\ & 9 & \end{array}$$

$$\begin{array}{ccc} & 5 & \\ 1 & \times & 5 \\ & 3 & \end{array}$$

$$\begin{array}{ccc} & 6 & \\ 1 & \times & ? \\ & 2 & \end{array}$$

3-BOB. 8-DARS. UCH XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Hisoblaymiz.

$8 \times 104 =$

$8 \times 101 =$

$$6 \times 10^4 =$$

$$2 \times 10^4 =$$

$7 \times 102 =$

$$6 \times 10^3 =$$

[illegible]

2. Namuna asosida ko‘paytiramiz. Qanday xulosaga keldingiz?

Diagram illustrating the addition of 12 and 11 to get 23. The numbers 12 and 11 are shown with colored digits. A red 'x' is above the 2 and a green '+' is above the 1. A green arrow points from the 2 to the 1, and a blue arrow points from the 1 to the 2. The result 23 is shown with a red 2 and a green 3. A red arrow points from the 2 to the 3.

$15 \times 11 =$

$16 \times 11 =$

$11 \times 11 =$

$13 \times 11 =$

$$14 \times 11 =$$

$14 \times 11 = \underline{\hspace{2cm}}$

[illegible]

3. Gul do'konida sotuvchi har kuni 12 ta guldasta yasaydi va shundan sakkiztasini sotadi. Bu jarayon o'zgarishsiz 10 kun davom etgan bo'lsa, sotuvchi qancha guldasta yasagan va qanchasini sotgan? Qolgan guldastalar soni qancha?

[illegible]

3-BOB. 11-DARS. UCH XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Hisoblaymiz.

$237 \times 4 = \underline{\hspace{2cm}}$

$145 \times 6 = \underline{\hspace{2cm}}$

$142 \times 7 = \underline{\hspace{2cm}}$

$126 \times 3 = \underline{\hspace{2cm}}$

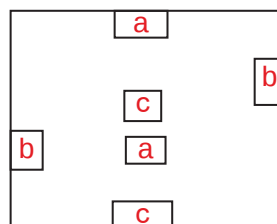
$235 \times 4 = \underline{\hspace{2cm}}$

$435 \times 2 = \underline{\hspace{2cm}}$

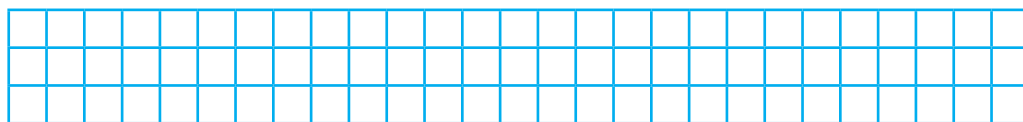
$408 \times 2 = \underline{\hspace{2cm}}$

$157 \times 5 = \underline{\hspace{2cm}}$

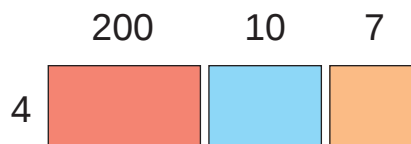
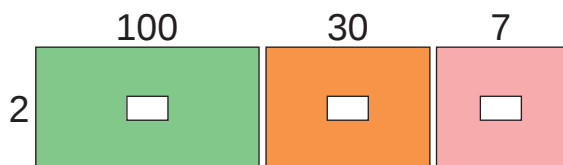
2. Rasmdagi **a** bilan **a** ni, **b** bilan **b** ni va **c** bilan **c** ni shunday tutashtiringki, tutashtiruvchi chiziqlar o'zaro kesishmasin va kvadratdan tashqariga ham chiqmasin.



3. "Jajji, zukko kitobxon" tanlovining shahar bosqichida 102 ta maktab jamoalari ishtirok etmoqda. Agar har bir jamoada 6 nafardan ishtirokchi bo'lsa, tanlovda jami necha nafar ishtirokchi qatnashmoqda?



4. Mulohaza to'g'rimi?



$2 \times 137 = \underline{\hspace{2cm}}$

$137 \times 2 = \underline{\hspace{2cm}}$

$217 \times 4 = \underline{\hspace{2cm}}$

$4 \times 217 = \underline{\hspace{2cm}}$

3-BOB. 12-DARS. UCH XONALI SONNI BIR XONALI SONGA KO'PAYTIRISH

1. Hisoblaymiz.

$$220 \times 4 = \underline{\hspace{2cm}}$$

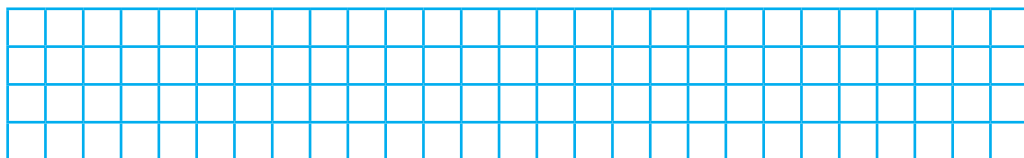
$$303 \times 3 = \underline{\hspace{2cm}}$$

$$112 \times 4 = \underline{\hspace{2cm}}$$

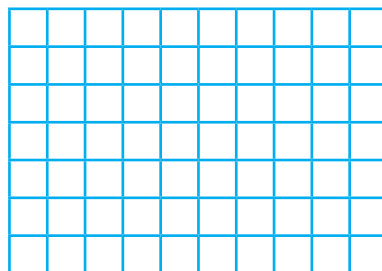
$$301 \times 2 = \underline{\hspace{2cm}}$$

$$333 \times 3 = \underline{\hspace{2cm}}$$

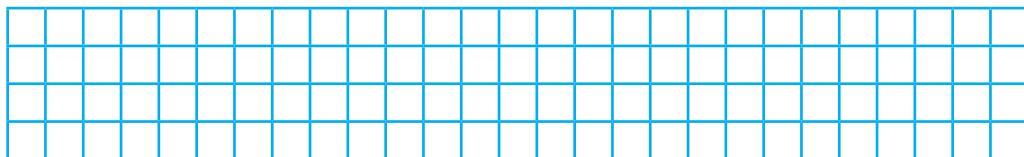
$$256 \times 2 = \underline{\hspace{2cm}}$$



2. Quyidagi 8 xil rangli qog'ozning stolga tushish ketma-ketligini toping.



3. Dilshod haftaning juft kunlari sport to'garagiga qatnaydi. Uyidan sport majmuasigacha bo'lgan 210 m masofani yugurib o'tadi. U to'garakka borish uchun hafta davomida necha metr masofaga yuguradi?



3-BOB. 13-DARS. IKKI XONALI SONNI BIR XONALI SONGA BO'LISH

1. Hisoblaymiz.

$24 \div 8 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

$50 \div 5 = \underline{\quad}$

$72 \div 9 = \underline{\quad}$

$63 \div 7 = \underline{\quad}$

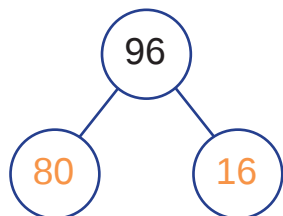
$20 \div 4 = \underline{\quad}$

$18 \div 9 = \underline{\quad}$

$22 \div 2 = \underline{\quad}$

$45 \div 5 = \underline{\quad}$

2. Namuna asosida hisoblaymiz.



$(80 \div 4) + (16 \div 4)$

$20 + 4 = 24$

$96 \div 4 = 24$

$48 \div 4 = \underline{\quad}$

$45 \div 3 = \underline{\quad}$

$60 \div 4 = \underline{\quad}$

$72 \div 4 = \underline{\quad}$

$72 \div 6 = \underline{\quad}$

$96 \div 8 = \underline{\quad}$

3. Men bir son o'yladim. Shu sonni dastlab 2 marta, keyin yana 2 marta kamaytirdim. Natijani yana 4 marta kamaytirganimdan so'ng 5 soni hosil bo'ldi. Men qaysi sonni o'ylaganman?

3-BOB. 14-DARS. IKKI XONALI SONNI BIR XONALI SONGA BO'LIH

1. Noma'lum tarkibiy qismlarni topamiz.

$$32 \div \underline{\quad} = 4$$

$$44 \div 2 = \underline{\quad}$$

$$\underline{\quad} \div 5 = 5$$

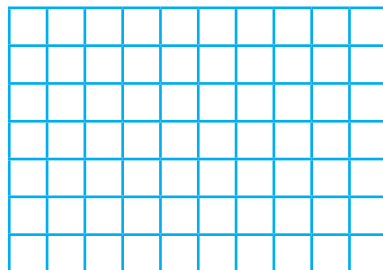
$$64 \div 8 = \underline{\quad}$$

$$72 \div 8 = \underline{\quad}$$

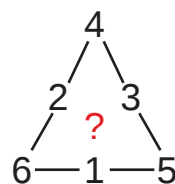
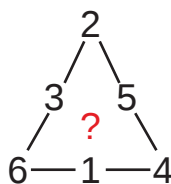
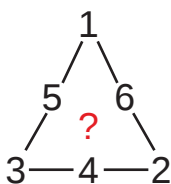
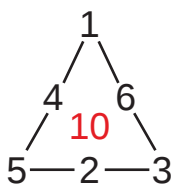
$$44 \div 4 = \underline{\quad}$$

$$\underline{\quad} \div 1 = 8$$

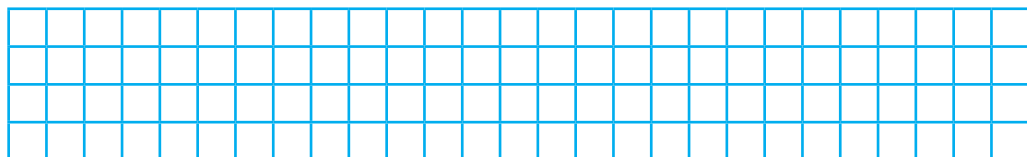
$$6 \div \underline{\quad} = 1$$



2. Qonuniyatni aniqlab, qolgan sonlarni topamiz.



3. Somsapaz 72 dona somsa pishirish uchun tandirga 4 marta o't yoqdi. U har safar tandirga nechtdan somsa yopgan?



4. Hisoblaymiz.

$$28 \div 4 = \underline{\quad}$$

$$76 \div 4 = \underline{\quad}$$

$$92 \div 4 = \underline{\quad}$$

$$88 \div 8 = \underline{\quad}$$

$$93 \div 3 = \underline{\quad}$$

$$96 \div 8 = \underline{\quad}$$

$$91 \div 7 = \underline{\quad}$$

$$84 \div 7 = \underline{\quad}$$

$$99 \div 9 = \underline{\quad}$$

3-BOB. 15-DARS. IKKI XONALI SONNI BIR XONALI SONGA BO'LISH

1. Katalarni to'ldiramiz va hisoblaymiz.

$$\begin{array}{c} \triangle \\ 66 \\ \hline 11 \quad 6 \end{array}$$

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

$$\begin{array}{c} \triangle \\ 63 \\ \hline 9 \quad 7 \end{array}$$

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

$$\begin{array}{c} \triangle \\ 72 \\ \hline 9 \quad 8 \end{array}$$

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

2. Bo'sh katalarni to'ldiramiz.

12	+		=	36				
		÷		÷				+
	-		=	4				23
×		=		=		÷		=
		6			×	5	=	
=						=		
56						11		

		20	-		=	11		3
		+		×				×
84	÷		=					13
		=		=				=
				63	-		=	

3. Futbol to'garagida jami 90 nafar o'quvchi shug'ullanmoqda. Ular teng uch guruhga bo'linib shug'ullanadilar. Har bir guruhda nechtdan o'quvchi bor?

3-BOB. 16-DARS. IKKI XONALI SONNI BIR XONALI SONGA BO'LIH

1. Noma'lum tarkibiy qismlarni topamiz.

$$56 \div \underline{\quad} = 8 \quad \underline{\quad} \div 2 = 6 \quad \underline{\quad} \div 5 = 9 \quad 30 \div 3 = \underline{\quad}$$

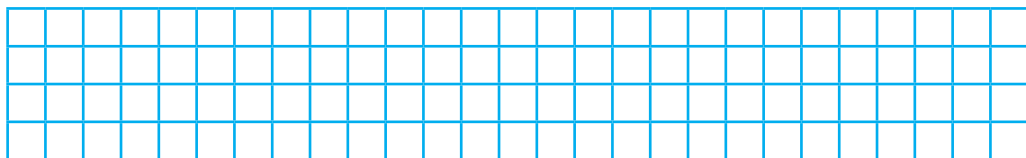
$$70 \div 7 = \underline{\quad} \quad 36 \div \underline{\quad} = 12 \quad \underline{\quad} \div 6 = 7 \quad 24 \div 8 = \underline{\quad}$$

2. Mantiqiy ketma-ketlikdagi keyingi sonlarni topamiz.

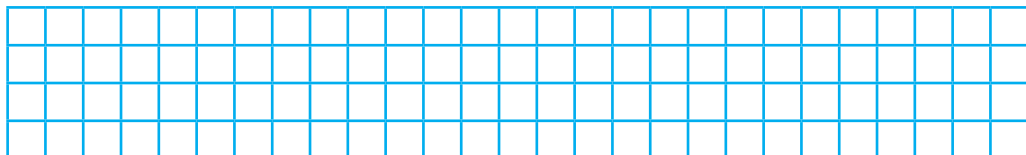


$$7 \rightarrow 9 \rightarrow 11 \Rightarrow 15 \rightarrow 17 \Rightarrow 21 \Rightarrow \underline{\quad}$$

3. Bog'dan 42 kg olcha, 66 kg olma yig'ib olindi. Olchalar 2 kg li, olmalar esa 6 kg li yashiklarga joylangan bo'lsa, har bir meva uchun nechtdan yashik kerak bo'lgan?



4. 3-"A", 3-"B" va 3-"D" sinfnig 96 nafar o'quvchisi tabiat muzeyiga borish uchun 3 ta avtobusga teng bo'linib chiqdilar. Har bir avtobusga nechtdan o'quvchi chiqqan?



3-BOB. 17-DARS. IKKI XONALI SONNI BIR XONALI SONGA BO'LISH

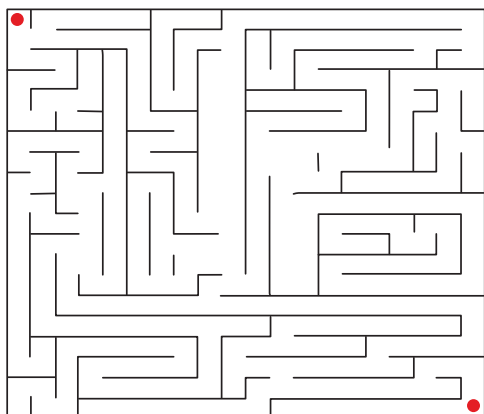
1. Noma'lum tarkibiy qismlarni topamiz.

$$20 \div \underline{\quad} = 4 \quad \underline{\quad} \div 1 = 10 \quad \underline{\quad} \div 5 = 5 \quad 16 \div \underline{\quad} = 2$$

$$66 \div 2 = \underline{\quad} \quad 54 \div \underline{\quad} = 9 \quad 50 \div \underline{\quad} = 10 \quad 44 \div 4 = \underline{\quad}$$

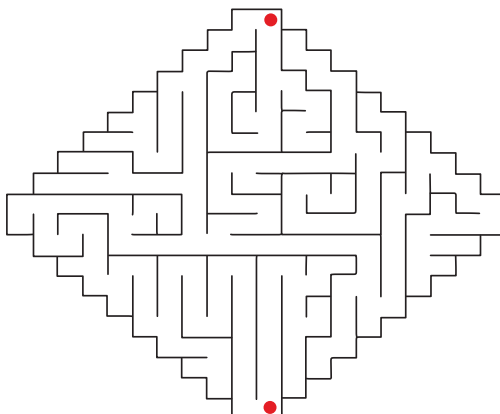
2. Labirintlardan chiqish yo'lini toping.

Kirish



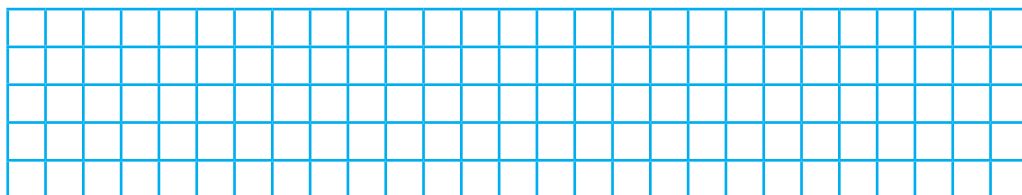
Chiqish

Kirish



Chiqish

3. Bahorda maktab hovlisiga jami 80 tup atirgul ko'chati ekildi. Ko'chat ekilgan qatorlar soni 10 ta bo'lsa, har bir qatorda nechtdan atirgul bor?



3-BOB. 18-DARS. IKKI XONALI SONNI BIR XONALI SONGA BO'LIH

1. Noma'lum tarkibiy qismlarni topamiz.

$$35 \div 5 = \underline{\quad} \quad \underline{\quad} \div 5 = 10 \quad \underline{\quad} \div 7 = 5 \quad \underline{\quad} \div 2 = 5$$

$$88 \div 8 = \underline{\quad} \quad 9 \div \underline{\quad} = 9 \quad \underline{\quad} \div 2 = 9 \quad 14 \div \underline{\quad} = 2$$

2. Mantiqiy ketma-ketlikni davom ettiramiz.

a. 3Z 4Y 5X 6W 7V 8U ?

b. 7 12 11 16 15 20 19 ?

c.

$\begin{array}{c} 5 \\ \triangle \\ 0 \\ \begin{array}{cc} 2 & 3 \end{array} \end{array}$	$\begin{array}{c} 7 \\ \triangle \\ 1 \\ \begin{array}{cc} 4 & 2 \end{array} \end{array}$	$\begin{array}{c} 6 \\ \triangle \\ ? \\ \begin{array}{cc} 1 & 3 \end{array} \end{array}$	$\begin{array}{c} ? \\ \triangle \\ 3 \\ \begin{array}{cc} 4 & 2 \end{array} \end{array}$
---	---	---	---

3. Usta hunarmand bir haftada 18 ta choynak, 96 ta piyola yasadi. Agar hunarmand faqat yakshanba kuni dam olgan bo'lsa, har kuni nechta choynak va nechta piyola yasagan?

3-BOB. 19-DARS. UCH XONALI SONNI BIR XONALI SONGA BO'LISH

1. Hisoblaymiz.

$$600 \div 4 = \underline{\quad}$$

$$400 \div 5 = \underline{\quad}$$

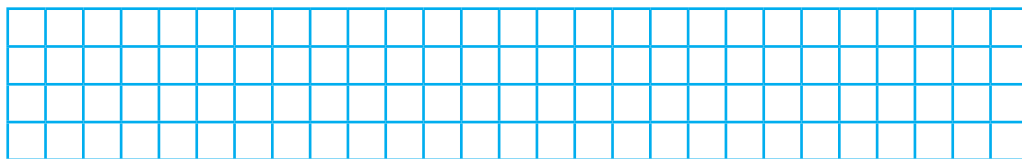
$$300 \div 3 = \underline{\quad}$$

$$400 \div 4 = \underline{\quad}$$

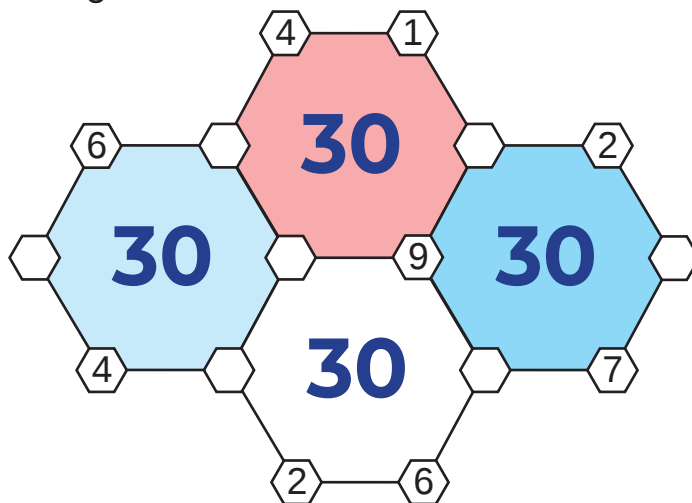
$$800 \div 4 = \underline{\quad}$$

$$600 \div 6 = \underline{\quad}$$

2. Shahar markazidagi maktabda 960 nafar o'quvchi, chekka qishloqdagi maktabda esa undan uch marta kam o'quvchi o'qiydi. Qishloq maktabida necha nafar o'quvchi o'qiydi? Ular shahar maktabidagi o'quvchilardan qancha kam?



3. 1 dan 10 gacha bo'lgan sonlarni shunday joylashtiringki, yig'indi 30 ga teng bo'lsin.



3-BOB. 20-DARS. UCH XONALI SONNI BIR XONALI SONGA BO'LISH

1. Hisoblaymiz.

$$672 \div 4 = \underline{\hspace{2cm}}$$

$$981 \div 9 = \underline{\hspace{2cm}}$$

$$668 \div 4 = \underline{\hspace{2cm}}$$

$$546 \div 6 = \underline{\hspace{2cm}}$$

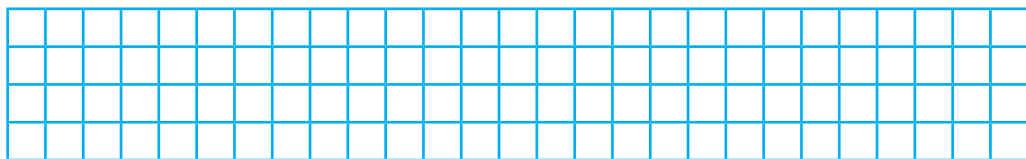
$$180 \div 5 = \underline{\hspace{2cm}}$$

$$996 \div 3 = \underline{\hspace{2cm}}$$

2. Masalalarni yechamiz.

a) Do'konda 285 ta katakli, undan 3 marta kam chiziqli daftar sotildi. Jami nechta daftar sotilgan?

b) Iroda 3 ta kitob o'qidi. Ular hammasi bo'lib 894 bet. Birinchi kitob 360 bet, ikkinchi kitob undan 66 bet kam. Uchinchi kitob necha bet?



3. Shakllarni yuqoridan ko'rinishi bilan moslashtiring.



3-BOB. 21-DARS. UCH XONALI SONNI BIR XONALI SONGA BO'LISH

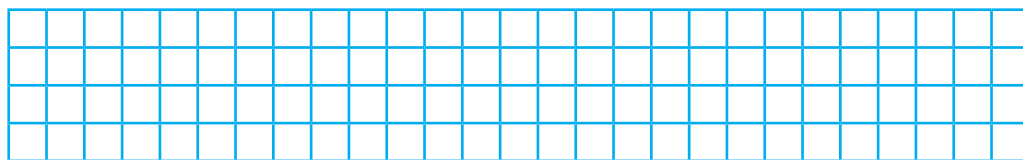
1. Namuna asosida hisoblaymiz.

$$102 \div 6 = \boxed{17} \quad 120 \div 8 = \boxed{} \quad 117 \div 9 = \boxed{} \quad 154 \div 7 = \boxed{}$$

$$(\boxed{60} \text{ va } \boxed{42}) \quad (\boxed{80} \text{ va } \boxed{40}) \quad (\boxed{} \text{ va } \boxed{}) \quad (\boxed{} \text{ va } \boxed{})$$

$$\boxed{10} \text{ va } \boxed{7} \quad \boxed{} \text{ va } \boxed{} \quad \boxed{} \text{ va } \boxed{} \quad \boxed{} \text{ va } \boxed{}$$

2. O'ramda 846 m sim bor edi. Panjara tayyorlash uchun simni teng uch bo'lakka bo'lishdi va bir bo'lagini ishlatishdi. Qolgan sim ishlatilgan simdan necha metr uzun?



3. Mos sonlarni topamiz.

$$\text{YouTube icon} + \text{YouTube icon} + \text{YouTube icon} = 21$$

$$\text{Facebook icon} \times \text{YouTube icon} + \text{Facebook icon} = 72$$

$$\text{Instagram icon} \times \text{Facebook icon} + \text{Instagram icon} = 80$$

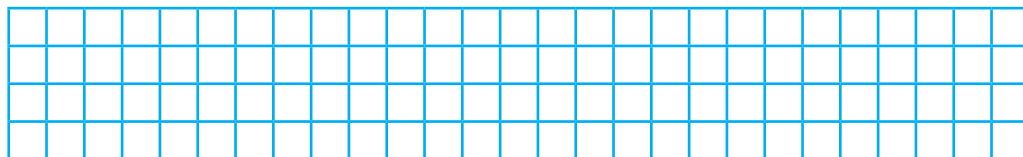
$$\text{YouTube icon} + \text{Facebook icon} + \text{Instagram icon} = ?$$

$$\text{Facebook icon} + \text{Facebook icon} + \text{Facebook icon} = 12$$

$$\text{Facebook icon} + \text{Facebook icon} + \text{Twitter icon} = 18$$

$$\text{Pinterest icon} - \text{Twitter icon} = 2$$

$$\text{Twitter icon} + \text{Facebook icon} + \text{Pinterest icon} = ?$$



$$464 \div 4 = \underline{\hspace{2cm}}$$

$72 \div 4 =$

[illegible]

3	+		÷	3	=	9
+		÷		+		
	×	1	+	21	=	26
−		+		−		
0	+	0	+		=	20
=		=		=		
8		18		4		

9	−		÷		7
×		−		+	
	×	5	−		27
+		+		+	
	+		−	7	2
62		0		12	

[illegible]

3-BOB. 24-DARS. UCH XONALI SONNI BIR XONALI SONGA BO'LISH

1. Namuna asosida hisoblaymiz. Qanday xulosaga keldingiz?

$$180 \div 5 = 36$$

$$180 \times 2 = 360$$

$$175 \div 5 = 35$$

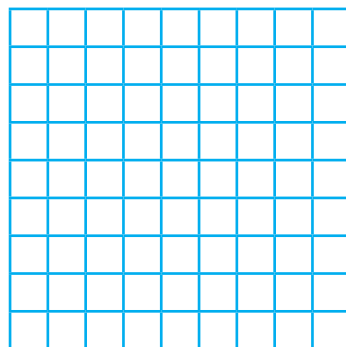
$$175 \times 2 = 350$$

$$165 \div 5 = \underline{\hspace{2cm}}$$

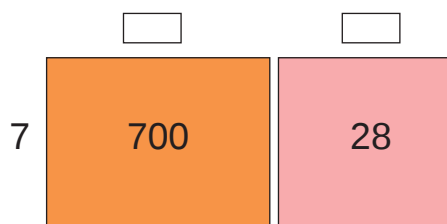
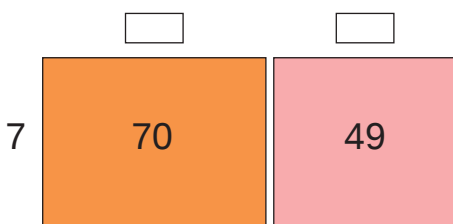
$$245 \div 5 = \underline{\hspace{2cm}}$$

$$140 \div 5 = \underline{\hspace{2cm}}$$

$$370 \div 5 = \underline{\hspace{2cm}}$$



2. Qaysi mulohaza to'g'ri?



$$119 \div 7 = \underline{\hspace{2cm}}$$

$$749 \div 7 = \underline{\hspace{2cm}}$$

$$728 \div 7 = \underline{\hspace{2cm}}$$

$$7028 \div 7 = \underline{\hspace{2cm}}$$

3. Berilgan sonlardan foydalanib to'g'ri ifoda tuzamiz.

4 24 54 66

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

2 5 10 14 16 18 21 29

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

3-BOB. 25-DARS. KO'PAYTIRISH VA BO'LISHGA DOIR MASALALAR

1. Hisoblaymiz.

$$\begin{array}{r} 426 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 175 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 276 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 276 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 416 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 114 \\ \times 6 \\ \hline \end{array}$$

2. Amallarni bajaramiz.

$$32 + 19 \div 1 \times 10 - (16 \div 4) = \underline{\hspace{2cm}}$$

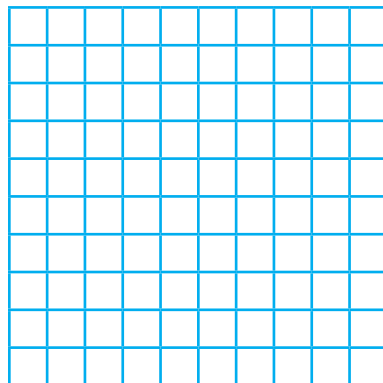
$$38 + 20 - 27 - 14 + (33 \times 3) = \underline{\hspace{2cm}}$$

$$33 + 3 \times (7 + 11) \times 7 \times 1 = \underline{\hspace{2cm}}$$

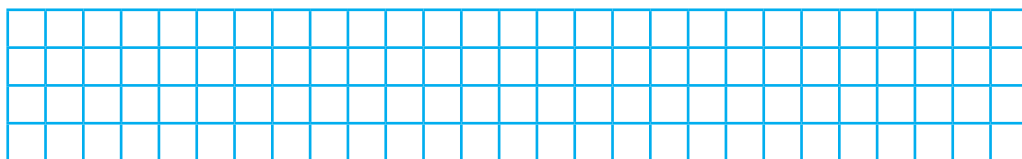
$$18 + 32 + 6 + 29 + (39 \times 4) = \underline{\hspace{2cm}}$$

$$7 \times 4 \times (5 + 15 + 10) \div 30 = \underline{\hspace{2cm}}$$

$$(86 \div 2 \times 5 \times 4 - 40) - 4 = \underline{\hspace{2cm}}$$



3. Kasalxonada 9 nafar shifokor, 108 nafar hamshira va 26 ta bo'lim mavjud. Har bir bo'lim 16 o'rinli. Kasalxonada jami nechta joy bor? Agar hamshiralar shifokorlarga teng taqsimlangan bo'lsa, har bir shifokorga necha nafardan hamshira to'g'ri keladi?



3-BOB. 26-DARS. KO'PAYTIRISH VA BO'LISHGA DOIR MASALALAR

1. Hisoblaymiz.

434		395		249		329	

2. Amallarni bajaramiz.

$$(9 - 2 + 5 - 2 \div 1) \times 5 = \underline{\hspace{2cm}}$$

$$17 - 2 + (26 + 29 \times 1) - 10 = \underline{\hspace{2cm}}$$

$$(4 \times 8) \times 10 + 40 - 26 \times 9 = \underline{\hspace{2cm}}$$

$$36 + (4 + 30) \times 6 \times 3 - 7 = \underline{\hspace{2cm}}$$

$$39 + 13 + 2 \times (8 + 23 - 22) = \underline{\hspace{2cm}}$$

3. Namuna asosida hisoblaymiz.

Namuna: $3 \times 23 = (3 \times 20) + (3 \times 3) = 60 + 9 = 69$

$6 \times 46 = \underline{\hspace{1cm}}$ $6 \times 26 = \underline{\hspace{1cm}}$ $9 \times 23 = \underline{\hspace{1cm}}$ $6 \times 39 = \underline{\hspace{1cm}}$

4. Maktabda 12 ta sinf va 30 nafar o'qituvchi bor. Har bir sinfda 35 nafar o'quvchi bor. Maktabda jami necha nafar o'quvchi bor? Agar o'quvchilar o'qituvchilar orasida teng taqsimlansa, har bir o'qituvchi necha nafar o'quvchiga mas'ul bo'ladi?

3-BOB. 27-DARS. KO'PAYTIRISH VA BO'LISHNI TEKSHIRISH

1. Amallarni bajaramiz.

$$1 \times 8 + 25 \times 10 - 3 + 23 = \underline{\hspace{2cm}}$$

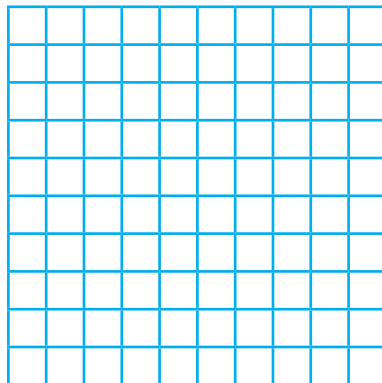
$$7 \times (1 + 39 - 40) \div 10 \div 8 = \underline{\hspace{2cm}}$$

$$1 \times 4 + 12 \times 8 \div (2 \times 3) = \underline{\hspace{2cm}}$$

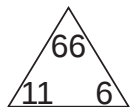
$$15 + 34 + (7 \times 7) \times 4 - 6 = \underline{\hspace{2cm}}$$

$$(27 + 5) \div 32 + 9 \times 10 \times 1 = \underline{\hspace{2cm}}$$

$$(18 + 27) \div 5 \times 3 + 1 - 10 = \underline{\hspace{2cm}}$$



2. Bo'sh kataklarni to'ldiramiz.

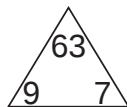


$$\square \times \square = \square$$

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

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

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

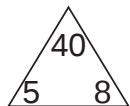


$$\square \times \square = \square$$

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

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

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



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

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

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

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

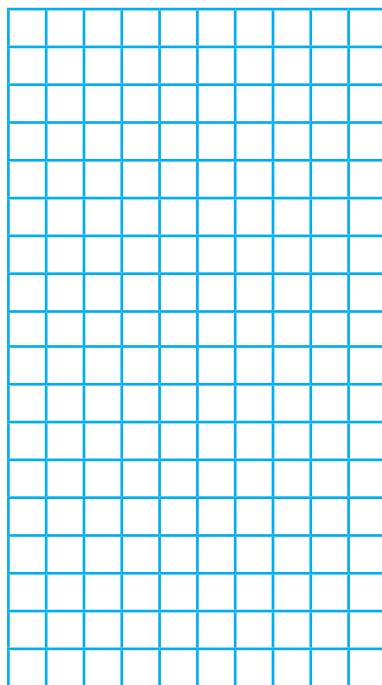


$$\square \times \square = \square$$

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

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

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



3-BOB. 28-DARS. KO'PAYTIRISH VA BO'LISHNI TEKSHIRISH

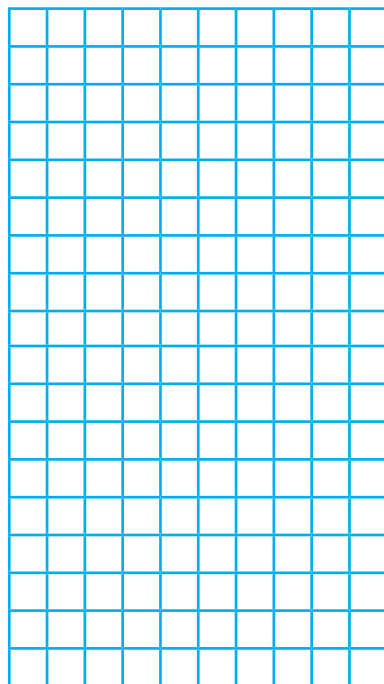
1. Bo'sh kataklarni to'ldiramiz.

$$\begin{array}{c} \triangle \\ 66 \\ 11 \quad 6 \\ \square \times \square = \square \\ \square \times \square = \square \\ \square \div \square = \square \\ \square \div \square = \square \end{array}$$

$$\begin{array}{c} \triangle \\ 63 \\ 9 \quad 7 \\ \square \times \square = \square \\ \square \times \square = \square \\ \square \div \square = \square \\ \square \div \square = \square \end{array}$$

$$\begin{array}{c} \triangle \\ 40 \\ 5 \quad 8 \\ \square \times \square = \square \\ \square \times \square = \square \\ \square \div \square = \square \\ \square \div \square = \square \end{array}$$

$$\begin{array}{c} \triangle \\ 72 \\ 6 \quad 12 \\ \square \times \square = \square \\ \square \times \square = \square \\ \square \div \square = \square \\ \square \div \square = \square \end{array}$$



2. Hisoblaymiz.

$$(9 + 117) \div 9 = \underline{\quad}$$

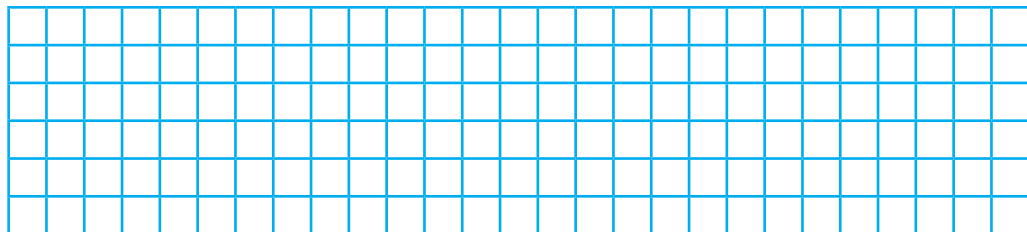
$$78 + (72 \div 6) = \underline{\quad}$$

$$(665 - 25) \div 10 = \underline{\quad}$$

$$(149 \times 5) - 38 = \underline{\quad}$$

$$(26 + 9) \times 20 = \underline{\quad}$$

$$(32 \times 8) \div 4 = \underline{\quad}$$



3-BOB. 29-DARS. QOLDIQLI BO'LISH

1. Bo'lishni bajaramiz va bo'sh o'rinlarni to'ldiramiz.

72 6	bo'linuvchi =	92 8	bo'linuvchi =
	bo'luvchi =		bo'luvchi =
	bo'linma =		bo'linma =
	qoldiq =		qoldiq =
80 8	bo'linuvchi =	41 4	bo'linuvchi =
	bo'luvchi =		bo'luvchi =
	bo'linma =		bo'linma =
	qoldiq =		qoldiq =

2. 968 L benzin 5 ta bir xil sig'imdagi baklarga joylandi. Har bir bakka necha litrdan benzin sig'adi? Necha litr yonilg'i ortib qoladi?

3. Qoldiqni topamiz.

$24 \div 5 = \underline{\hspace{1cm}} (\underline{\hspace{1cm}} \text{ q.})$
 $54 \div 7 = \underline{\hspace{1cm}} (\underline{\hspace{1cm}} \text{ q.})$
 $19 \div 3 = \underline{\hspace{1cm}} (\underline{\hspace{1cm}} \text{ q.})$
 $44 \div 5 = \underline{\hspace{1cm}} (\underline{\hspace{1cm}} \text{ q.})$
 $46 \div 7 = \underline{\hspace{1cm}} (\underline{\hspace{1cm}} \text{ q.})$
 $74 \div 9 = \underline{\hspace{1cm}} (\underline{\hspace{1cm}} \text{ q.})$

3-BOB. 30-DARS. QOLDIQLI BO'LISH

1. Bo'lishni bajaramiz va bo'sh o'rinlarni to'ldiramiz.

$48 \overline{) 3}$	$bo'linuvchi = \text{○}$ $bo'luvchi = \text{○}$ $bo'linma = \text{○}$ $qoldiq = \text{○}$	$53 \overline{) 4}$	$bo'linuvchi = \text{○}$ $bo'luvchi = \text{○}$ $bo'linma = \text{○}$ $qoldiq = \text{○}$
---------------------	--	---------------------	--

$64 \overline{) 5}$	$bo'linuvchi = \text{○}$ $bo'luvchi = \text{○}$ $bo'linma = \text{○}$ $qoldiq = \text{○}$	$28 \overline{) 2}$	$bo'linuvchi = \text{○}$ $bo'luvchi = \text{○}$ $bo'linma = \text{○}$ $qoldiq = \text{○}$
---------------------	--	---------------------	--

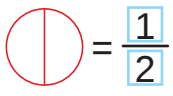
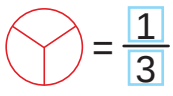
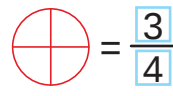
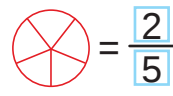
2. Sayyora 314 betli kitobni o'qimoqda. U 9 kun davomida har kuni bir xil miqdorda o'qigan bo'lsa, u necha bet kitob o'qigan? Yana necha bet o'qishi kerak?

3. Qoldiqni topamiz.

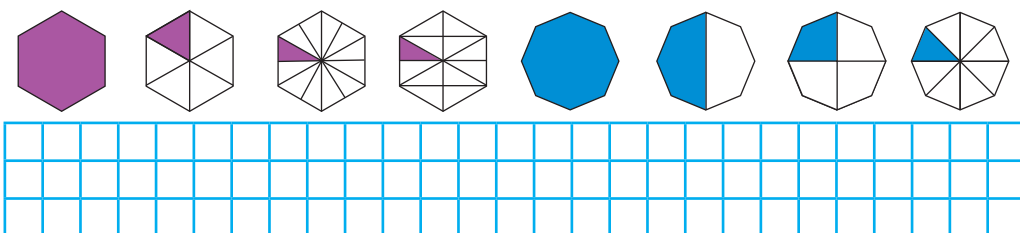
$29 \div 3 = \text{○} (\text{○} \text{ q.})$	$24 \div 7 = \text{○} (\text{○} \text{ q.})$	$37 \div 6 = \text{○} (\text{○} \text{ q.})$
$64 \div 9 = \text{○} (\text{○} \text{ q.})$	$58 \div 10 = \text{○} (\text{○} \text{ q.})$	$29 \div 9 = \text{○} (\text{○} \text{ q.})$

4-BOB. 1-DARS. KASR HAQIDA TUSHUNCHA

1. Shakllarni kasrlarga mos tarzda bo'yaymiz.

1.  = $\frac{1}{2}$ 2.  = $\frac{1}{3}$ 3.  = $\frac{3}{4}$ 4.  = $\frac{2}{5}$

2. Shakllarga mos kasrlarni yozamiz.



3. $\frac{4}{9}$; $\frac{1}{4}$; $\frac{3}{9}$; $\frac{2}{5}$; $\frac{8}{10}$; $\frac{4}{5}$ kasrlarni shakllarda bo'yaymiz.



4. 0, 1, 2, 5 raqamlaridan bir martadan foydalanib barcha uch xonali sonlarni hosil qilamiz va taqqoslaymiz.

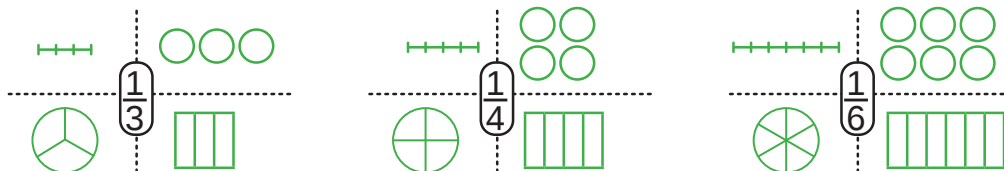


5. Kasrlarni o'qiymiz. Surat va maxrajlarini yozamiz.

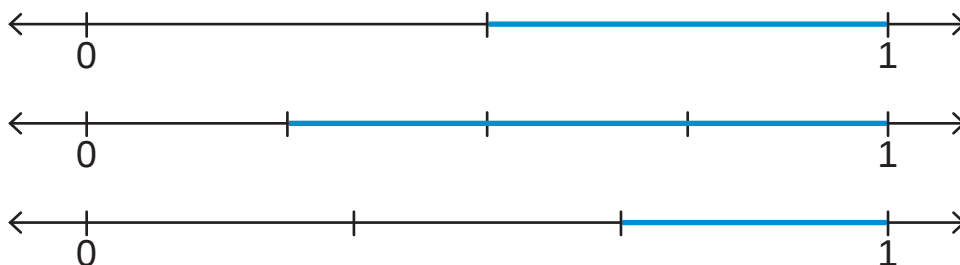
$\frac{3}{5}$			
$\frac{6}{8}$			
$\frac{11}{12}$			

4-BOB. 2-DARS. KASR HAQIDA TUSHUNCHA

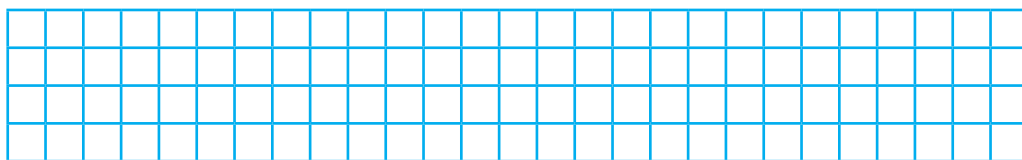
1. Shakllarni chizamiz va kasrlarga mos qismini bo'yaymiz.



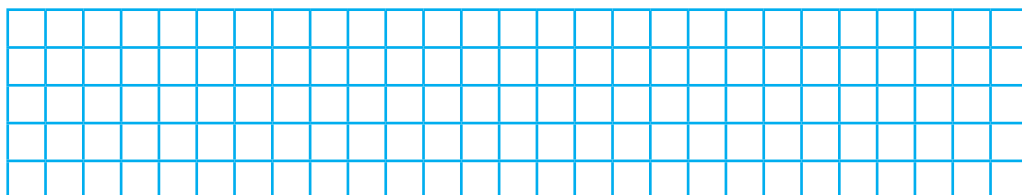
2. $\frac{1}{3}$ kasrga mos keluvchi sonlar nurini tanlaymiz.



3. $\frac{3}{4}$, $\frac{4}{6}$, $\frac{6}{6}$, $\frac{4}{4}$ kasrlarni so'z bilan yozamiz.

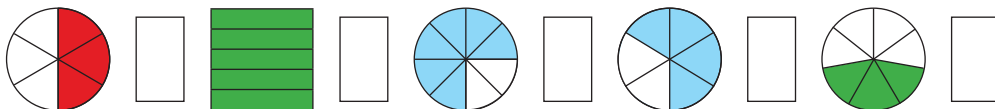


4. $\frac{2}{5}$, $\frac{8}{10}$, $\frac{4}{5}$ kasrlarni sonlar nurida tasvirlaymiz.



4-BOB. 3-DARS. KASR HAQIDA TUSHUNCHA

1. Shakllarga mos kasrlarni yozamiz.

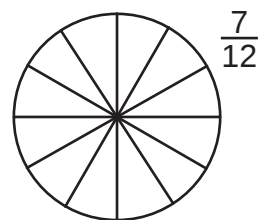
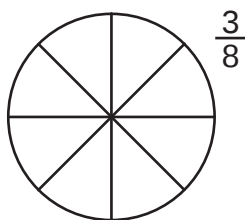
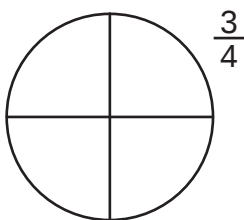


2. Mos kasrlarni yozamiz.

kasrlar	surat	maxraj
	1	2
	2	
		4

kasrlar	surat	maxraj
$\frac{1}{5}$		
$\frac{4}{5}$		

3. Shakllarni kasrlarga mos tarzda bo'yaymiz.



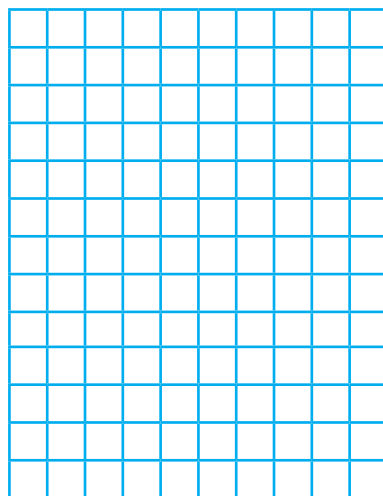
4. Kasrni so'z bilan yozamiz.

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

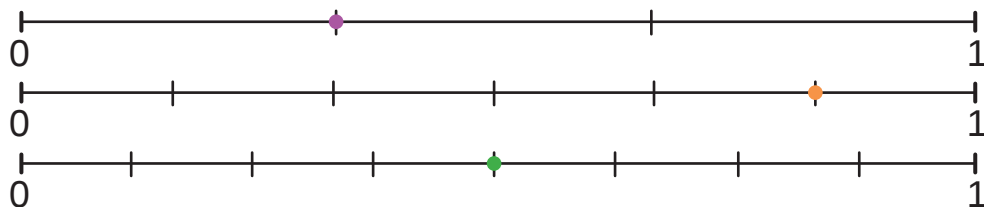
4-BOB. 4-DARS. KASR HAQIDA TUSHUNCHA

1. Rasmlarga mos kasrlarni belgilaymiz.

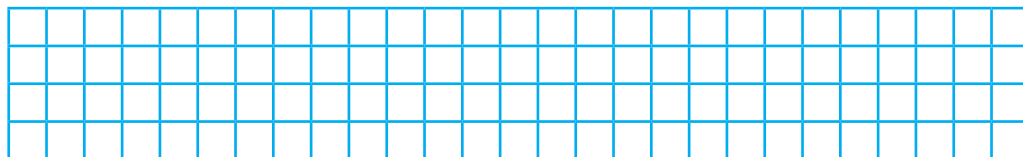
	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{3}$		$\frac{2}{8}$
$\frac{1}{4}$	$\frac{1}{3}$		$\frac{2}{5}$	$\frac{1}{4}$	
	$\frac{1}{6}$	$\frac{2}{5}$	$\frac{1}{3}$	$\frac{2}{6}$	$\frac{1}{3}$
$\frac{1}{7}$	$\frac{1}{3}$	$\frac{1}{4}$		$\frac{1}{8}$	$\frac{1}{4}$
	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{7}$
$\frac{1}{4}$	$\frac{1}{8}$		$\frac{1}{4}$		$\frac{1}{3}$



2. Nuqtalar joylashgan o'ringa mos kasrlarni topamiz.

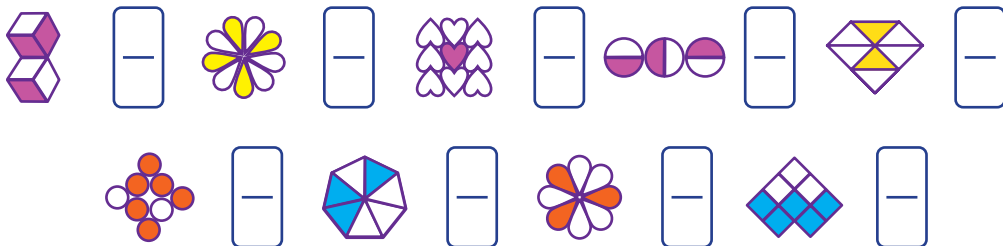


3. Shakllarning bo'yalgan qismiga mos keluvchi kasrlarni yozamiz.

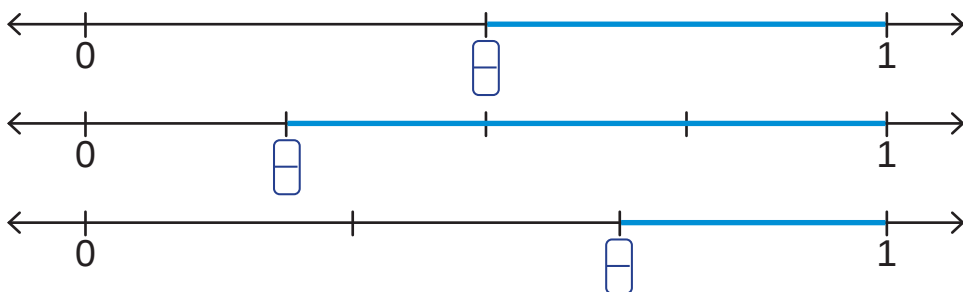


4-BOB. 5-DARS. KASR HAQIDA TUSHUNCHA

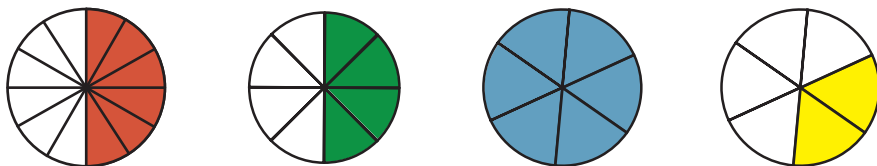
1. Mos kasrlarni yozamiz.



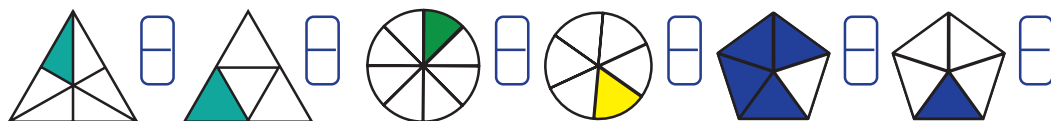
2. Son nuridagi bo'laklarga mos keluvchi kasrlarni yozamiz.



3. Mos kasrlarni yozamiz: a) $\frac{4}{8}$; b) $\frac{2}{6}$; c) $\frac{6}{6}$; d) $\frac{6}{12}$.

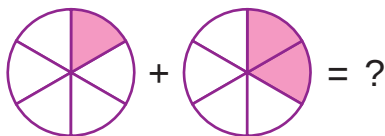


4. Shakllarga mos keluvchi kasrlarni yozamiz.

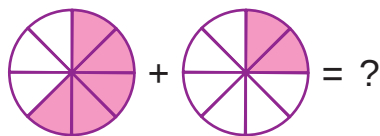


4-BOB. 6-DARS. BIR XIL MAXRAJLI KASRLARNI QO'SHISH

1. Modelar yordamida kasrlarni qo'shamiz.

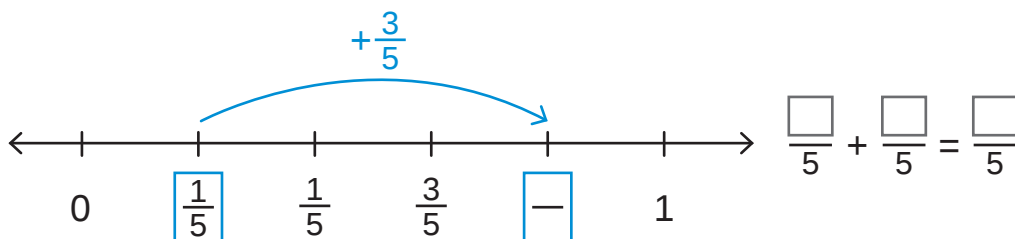
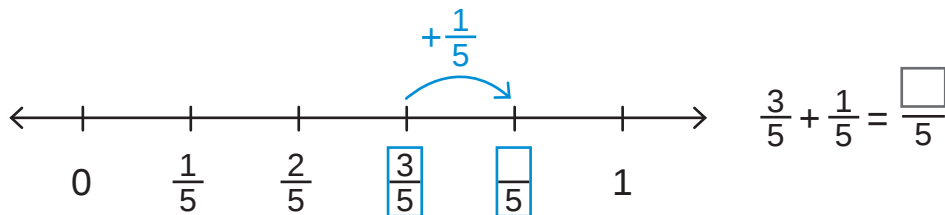


$$\frac{1}{6} + \frac{2}{6} = \boxed{}$$



$$\frac{5}{8} + \frac{2}{8} = \boxed{}$$

2. Kasrlarni son nurida qo'shamiz.



3. Kasrlarni qo'shamiz.

1. $\frac{1}{4} + \frac{2}{4} = \underline{\hspace{2cm}}$

2. $\frac{5}{7} + \frac{2}{7} = \underline{\hspace{2cm}}$

3. $\frac{3}{6} + \frac{2}{6} = \underline{\hspace{2cm}}$

4. $\frac{6}{9} + \frac{2}{9} = \underline{\hspace{2cm}}$

5. $\frac{1}{2} + \frac{1}{2} = \underline{\hspace{2cm}}$

6. $\frac{2}{10} + \frac{7}{10} = \underline{\hspace{2cm}}$

7. $\frac{2}{9} + \frac{5}{9} = \underline{\hspace{2cm}}$

8. $\frac{3}{8} + \frac{2}{8} = \underline{\hspace{2cm}}$

9. $\frac{5}{10} + \frac{4}{10} = \underline{\hspace{2cm}}$

4-BOB. 7-DARS. BIR XIL MAXRAJLI KASRLARNI QO'SHISH

1. Kasrlarni qo'shamiz.

1. $\frac{7}{11} + \frac{4}{11} = \underline{\hspace{2cm}}$

2. $\frac{1}{5} + \frac{2}{5} = \underline{\hspace{2cm}}$

2. $\frac{1}{7} + \frac{1}{7} = \underline{\hspace{2cm}}$

4. $\frac{2}{3} + \frac{1}{3} = \underline{\hspace{2cm}}$

5. $\frac{7}{10} + \frac{1}{10} = \underline{\hspace{2cm}}$

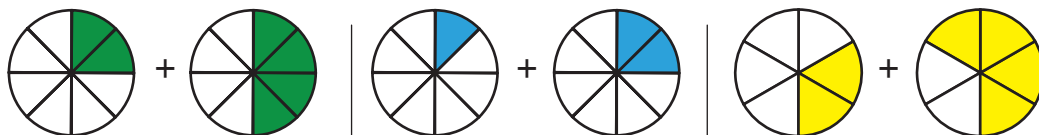
6. $\frac{1}{9} + \frac{3}{9} = \underline{\hspace{2cm}}$

2. Kasrlarni qo'shamiz.

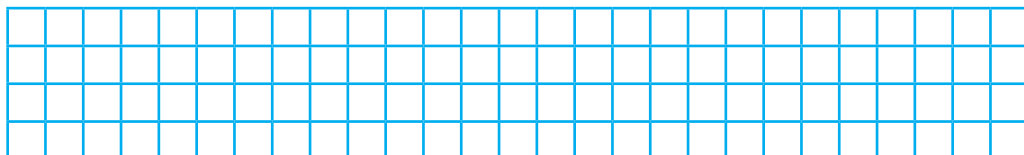
$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \underline{\hspace{2cm}}$

$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \underline{\hspace{2cm}}$

3. Modellar asosida kasrlarni qo'shamiz.



4. Ravshan va To'liqin hasharda daraxt ekdi. Ravshan o'ziga ajratilgan 12 ta ko'chatdan 4 tasini ekdi. To'liqin esa o'ziga ajratilgan 10 ta ko'chatdan 10 tasini ekdi. Bolalar o'zlariga ajratilgan ko'chatlarning qancha qismini ekishdi?



4-BOB. 8-DARS. BIR XIL MAXRAJLI KASRLARNI AYIRISH

1. Kasrlarni ayiramiz.

$$1. \frac{10}{11} - \frac{6}{11} = \underline{\hspace{2cm}}$$

$$2. \frac{3}{4} - \frac{2}{4} = \underline{\hspace{2cm}}$$

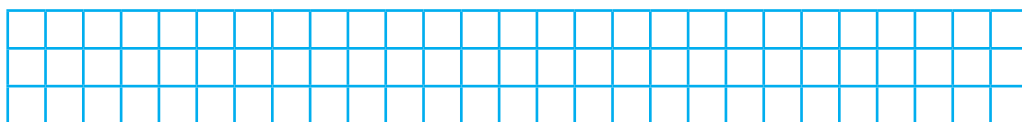
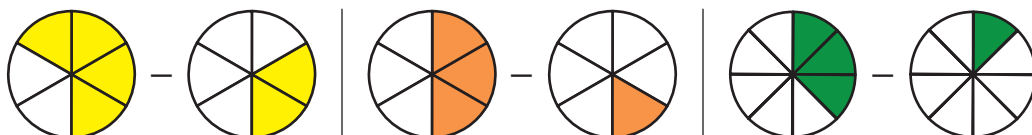
$$3. \frac{8}{11} - \frac{4}{11} = \underline{\hspace{2cm}}$$

$$4. \frac{8}{10} - \frac{4}{10} = \underline{\hspace{2cm}}$$

$$5. \frac{3}{6} - \frac{2}{6} = \underline{\hspace{2cm}}$$

$$6. \frac{2}{3} - \frac{1}{3} = \underline{\hspace{2cm}}$$

2. Modellar asosida kasrlarni ayiramiz.



3. Namuna asosida bo'sh kataklarni to'ldiramiz.



$$\frac{5}{8} - \frac{2}{8} = \frac{3}{8}$$



$$\frac{4}{6} - \frac{1}{6} = \frac{\square}{6}$$



$$\frac{\square}{5} - \frac{\square}{5} = \frac{\square}{5}$$

4. Hisoblaymiz va shakllarda ko'rsatamiz.

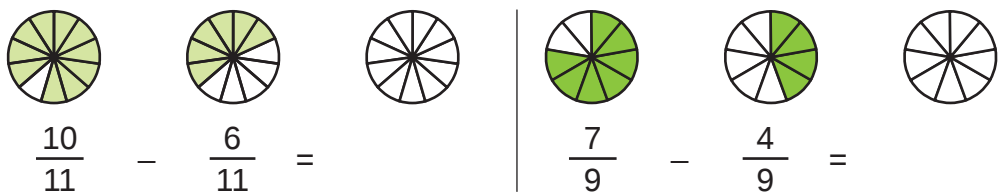
$$\frac{5}{11} - \frac{2}{11} = \frac{\square}{11} \quad \text{[Bar chart with 11 segments, 5 shaded brown, 6 unshaded white]}$$

$$\frac{10}{12} - \frac{5}{12} = \frac{\square}{12} \quad \text{[Bar chart with 12 segments, 10 shaded brown, 2 unshaded white]}$$

$$\frac{8}{10} - \frac{7}{10} = \frac{\square}{10} \quad \text{[Bar chart with 10 segments, 8 shaded brown, 2 unshaded white]}$$

4-BOB. 9-DARS. BIR XIL MAXRAJLI KASRLARNI AYIRISH

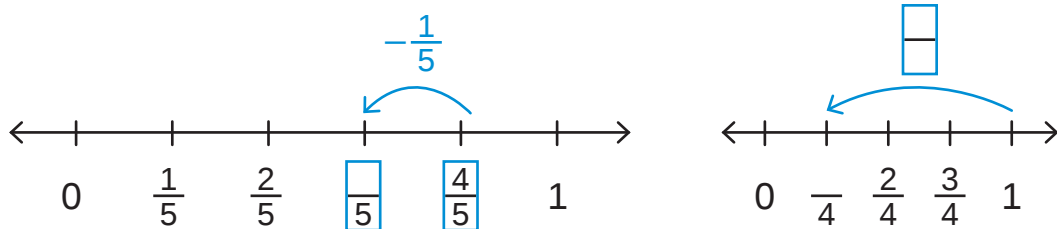
1. Kasrlarni ayiramiz, natija asosida shaklni bo'yaymiz.



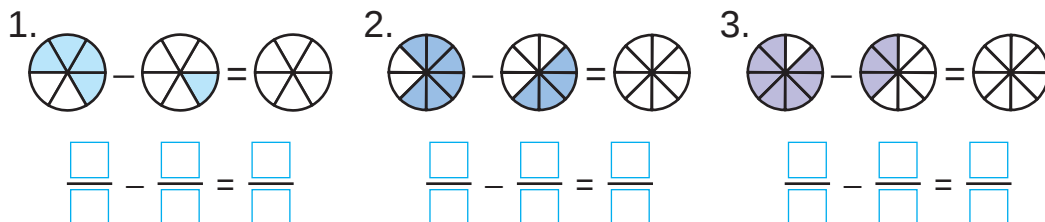
2. Hisoblaymiz.

$\frac{4}{5} - \frac{2}{5} = \underline{\hspace{2cm}}$	$\frac{5}{12} - \frac{2}{12} = \underline{\hspace{2cm}}$	$\frac{11}{12} - \frac{5}{12} = \underline{\hspace{2cm}}$
$\frac{6}{7} - \frac{3}{7} = \underline{\hspace{2cm}}$	$\frac{2}{4} - \frac{1}{4} = \underline{\hspace{2cm}}$	$\frac{4}{5} - \frac{3}{5} = \underline{\hspace{2cm}}$

3. Sonlar nurida kasrlarni ayiramiz.

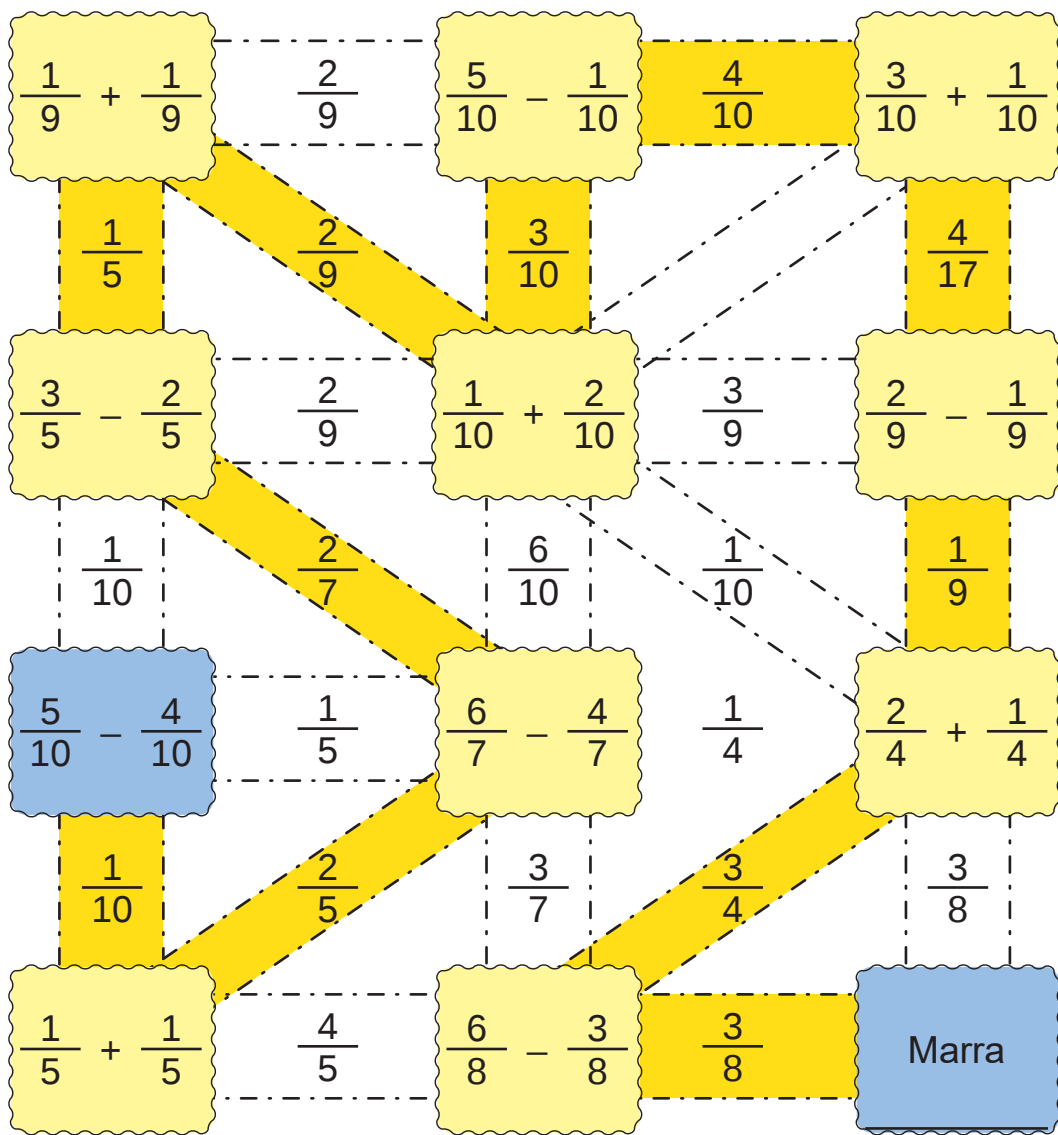


4. Bo'sh kataklarni mos sonlar bilan to'ldiramiz. Natija asosida shakllarni bo'yaymiz.



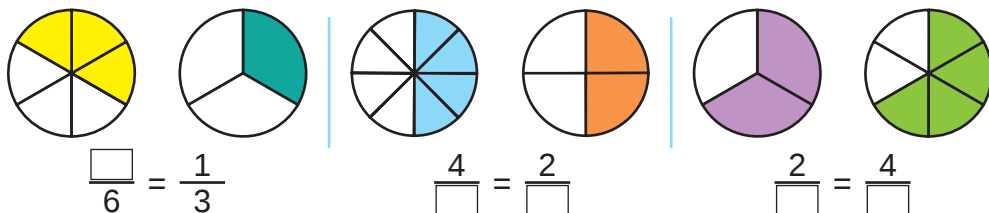
4-BOB. 10-DARS. BIR XIL MAXRAJLI KASRLARNI QO'SHISH VA AYIRISH

1. Mos javoblarni topamiz.

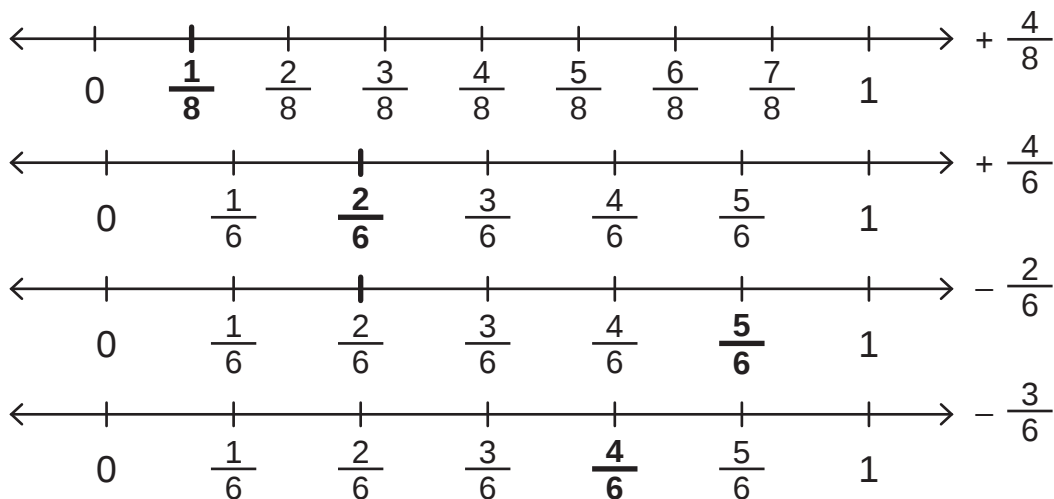


4-BOB. II-DARS. KASRLARNI TAQQOSLASH. TENG KASRLAR

1. Modellar yordamida teng kasrlarni topamiz.



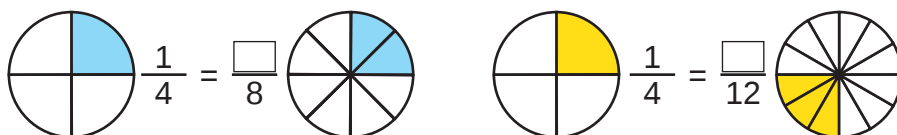
2. Sonlar nurida kasrlarni qo'shamiz va ayiramiz.



3. Bo'sh kataklarni to'ldiramiz.

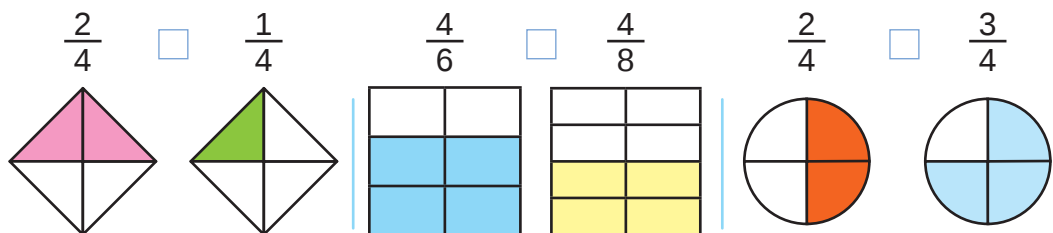
$$\frac{1}{2} = \frac{\square}{4} \quad \frac{1}{3} = \frac{\square}{6} \quad \frac{2}{6} = \frac{\square}{12} \quad \frac{1}{2} = \frac{\square}{8} \quad \frac{1}{3} = \frac{\square}{12} \quad \frac{2}{6} = \frac{\square}{3}$$

4. Teng kasrlarni hosil qilamiz.



4-BOB. 12-DARS. KASRLARNI TAQQOSLASH

1. Modellar yordamida kasrlarni taqqoslaymiz.



2. Taqqoslaymiz.

1) $\frac{2}{6}$ ☐ $\frac{3}{6}$

2) $\frac{3}{5}$ ☐ $\frac{1}{5}$

3) $\frac{1}{5}$ ☐ $\frac{2}{5}$

4) $\frac{6}{7}$ ☐ $\frac{5}{7}$

5) $\frac{1}{4}$ ☐ $\frac{1}{2}$

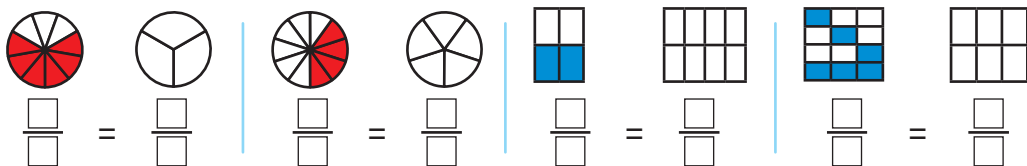
6) $\frac{1}{7}$ ☐ $\frac{1}{6}$

7) $\frac{5}{6}$ ☐ $\frac{4}{6}$

8) $\frac{2}{8}$ ☐ $\frac{7}{8}$

9) $\frac{3}{7}$ ☐ $\frac{3}{4}$

3. Teng kasrlarni topamiz.

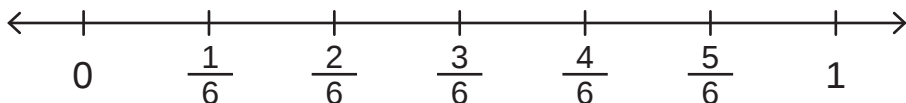


4. Kasrlarni a) kamayish tartibida, b) ortib borish tartibida joylaymiz.

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

4-BOB. 13-DARS. KASRLARNI TAQQOSLASH

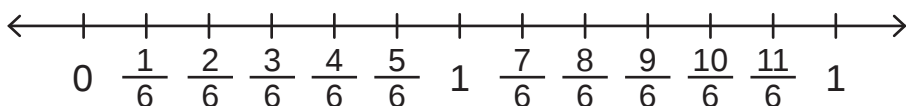
1. Kasrlarni son nurida taqqoslaymiz.



$$\frac{5}{6} \square \frac{2}{6} \square \frac{3}{6}$$



$$\frac{1}{3} \square \frac{2}{3}$$



$$\frac{3}{6} \square \frac{8}{6}$$

$$\frac{3}{6} \square \frac{8}{6}$$

2. Kasrlarni taqqoslaymiz.



$$\frac{4}{8} \square \frac{3}{8}$$



$$\frac{2}{8} \square \frac{3}{8}$$



$$\frac{4}{6} \square \frac{3}{6}$$



$$\frac{1}{3} \square \frac{2}{3}$$



3. Kasrlarni qo'shamiz.

$$\frac{2}{11} + \frac{9}{11} = \underline{\hspace{2cm}}$$

$$\frac{1}{2} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{3}{4} + \frac{1}{4} = \underline{\hspace{2cm}}$$

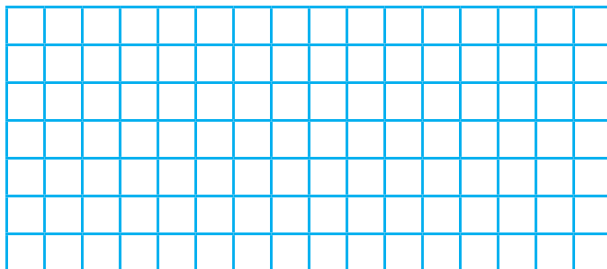
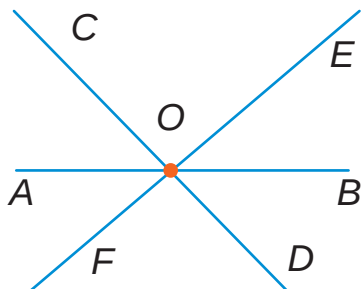
$$\frac{1}{3} + \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{1}{5} + \frac{1}{5} = \underline{\hspace{2cm}}$$

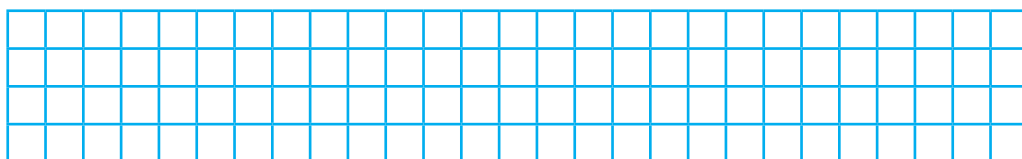
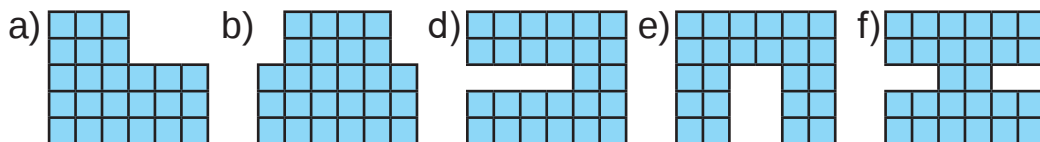
$$\frac{5}{8} + \frac{1}{8} = \underline{\hspace{2cm}}$$

5-BOB. 1-DARS. TO'G'RI CHIZIQ

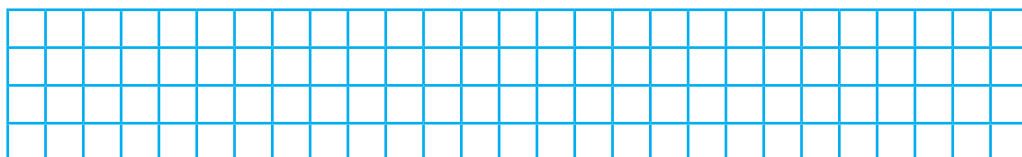
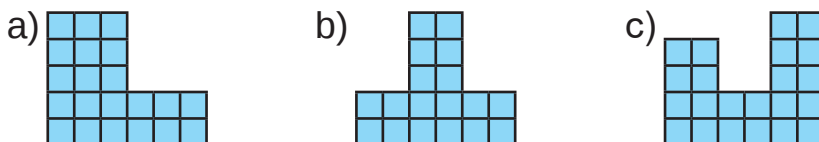
1. Rasmda nechta to'g'ri chiziq va burchak bor?



2. Kvadratchaning tomoni 1 cm ga teng ekani ma'lum bo'lsa, rasmdagi shakllarning perimetrini topamiz.

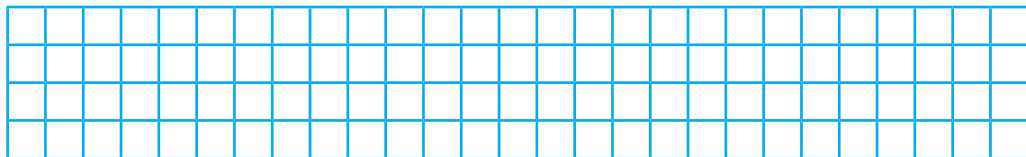


3. Shakllarni kvadrat holatiga keltirish uchun har biriga nech-tadan kvadratcha kerak? Yetishmagan qismlarni chizamiz.

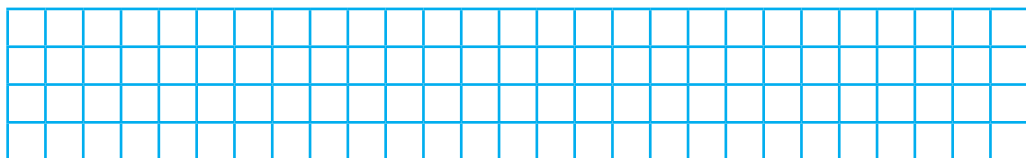
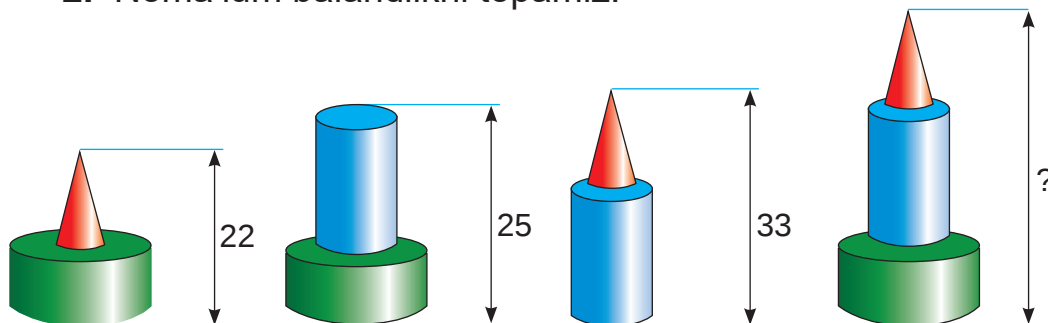


5-BOB. 2-DARS. KESMA. NUR

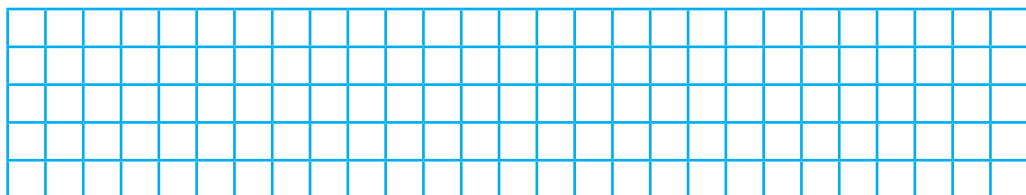
1. Chizmadagi barcha kesmalarni topib, chizamiz. Jami nechta kesma bor?



2. Noma'lum balandlikni topamiz.

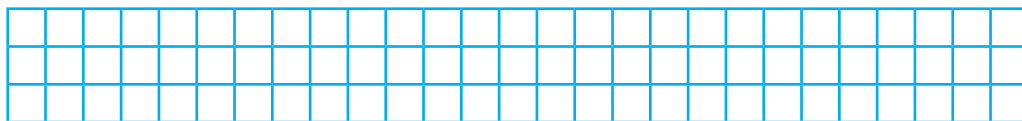


3. Daftaringizga uchburchak chizing, tomonlarini chizg'ich yordamida o'lchang va perimetrini toping.

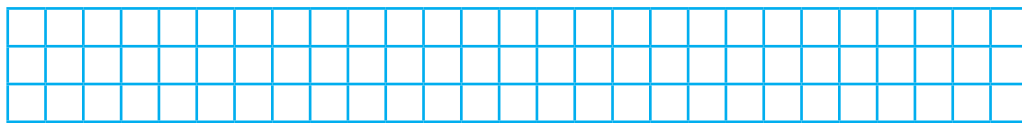


5-BOB. 3-DARS. TO'G'RI CHIZIQ, KESMA, NUR

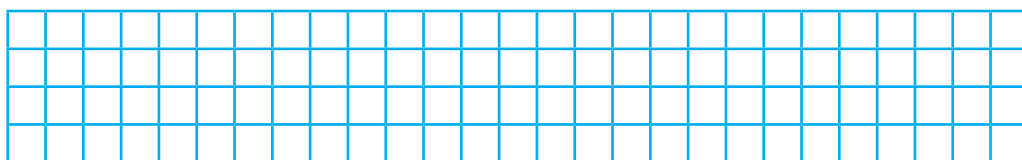
1. Daftirimizga to'g'ri chiziq, kesma, nur chizamiz. Ularning farqini yozamiz.



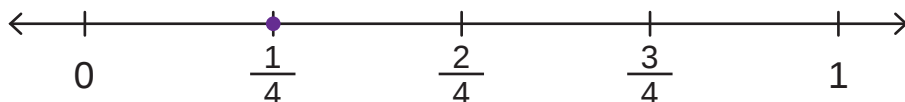
2. 2×2 katakchalardagi 4 ta kvadratning har birida bittadan son bor. Birinchi qatordagi sonlar yig'indisi 6, ikkinchi qatordagi esa 13 ga teng. Agar 1-ustundagi sonlar yig'indisi 8 bo'lsa, 2-ustundagi sonlar yig'indisini toping.



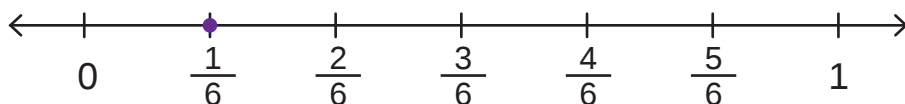
3. Rasmda tasvirlangan barcha kesma va nurlarni topamiz va daftirimizga chizamiz.



4. Sonlar nuri yordamida kasrlarni taqqoslaymiz.

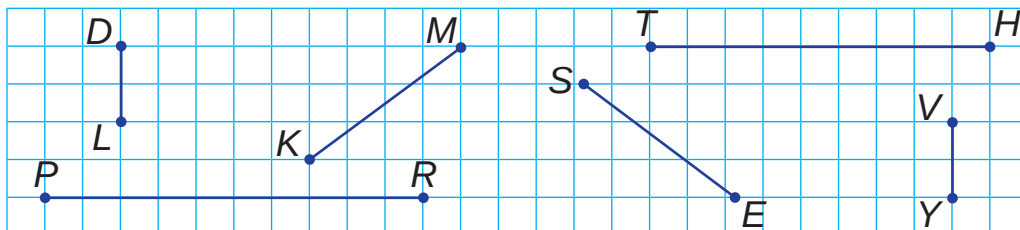


$$\frac{1}{4} \square \frac{1}{6}$$

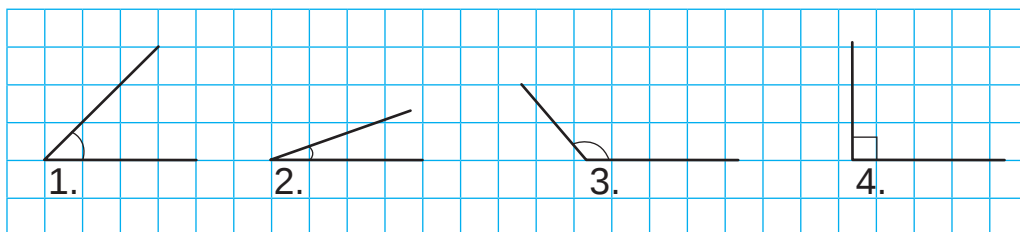


5-BOB. 4-DARS. PARALLEL TO'G'RI CHIZIQLAR

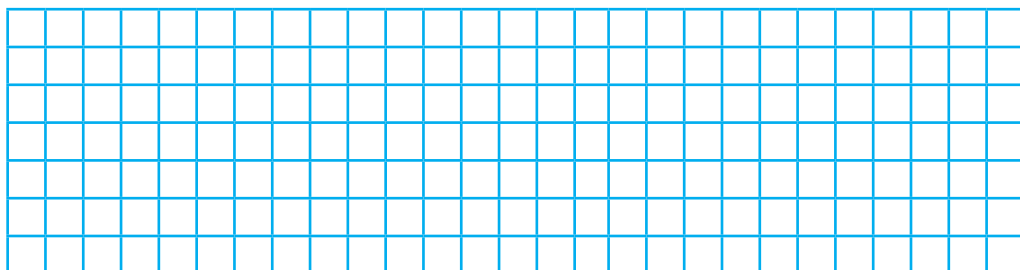
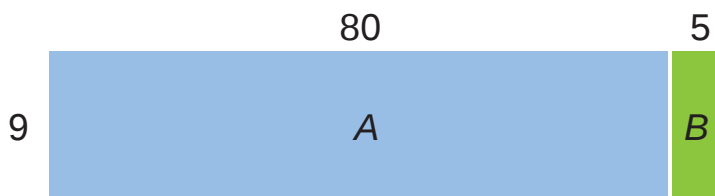
1. Har bir kesmaga parallel kesmalar chizamiz.



2. Burchaklar turini aniqlaymiz.

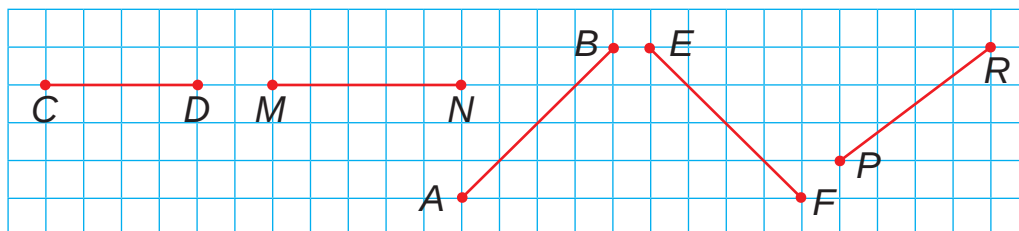


3. Quyidagi shakldan foydalanib 9×85 ko'paytmani hisoblang.

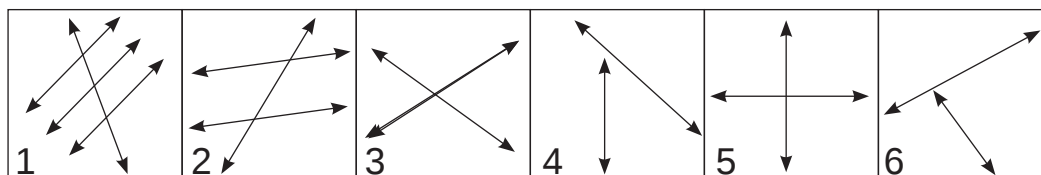


5-BOB. 5-DARS. PERPENDIKULAR TO'G'RI CHIZIQLAR

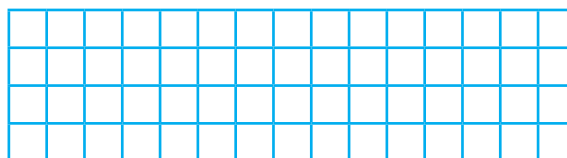
1. Har bir kesmaga perpendikulyar kesmalar chizamiz.



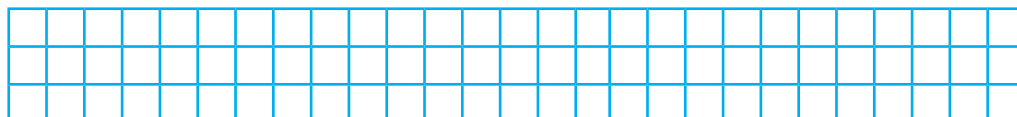
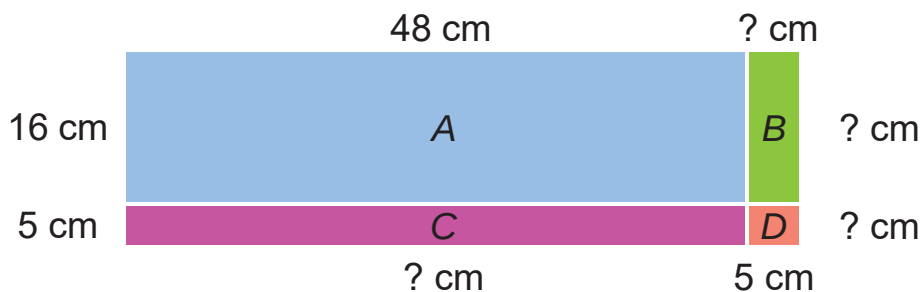
2. Parallel va perpendikulyar chiziqlarni topamiz.



3. Bu uchburchaklardan foydalanib kvadrat hosil qiling.

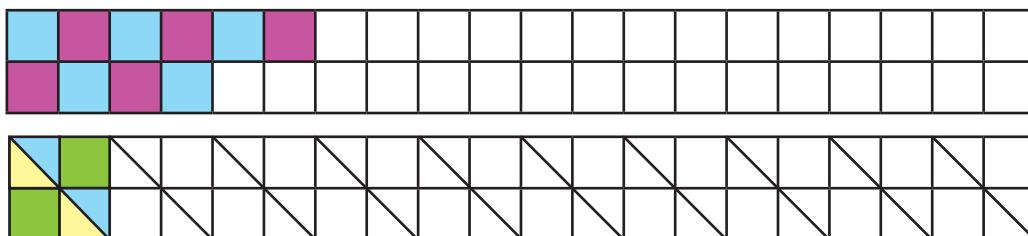


4. A, B, C, D shakllarning perimetrini topamiz.

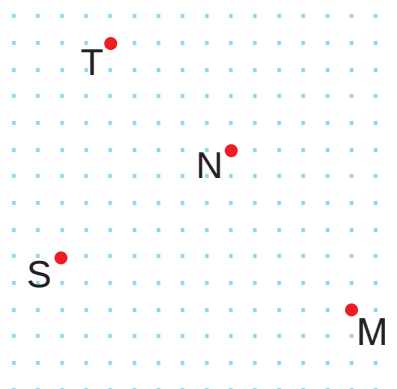
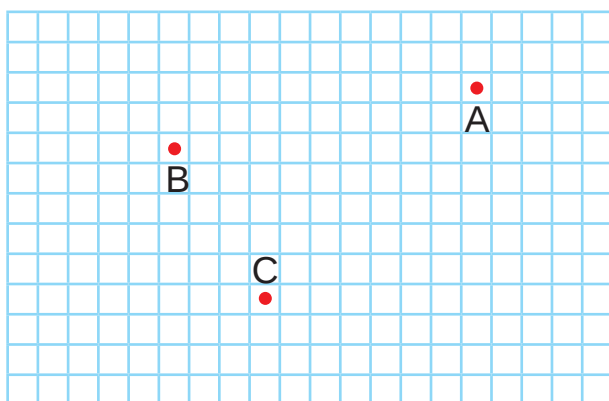


5-BOB. 6-DARS. SODDA VA YASSI SHAKLLARNI YASASH

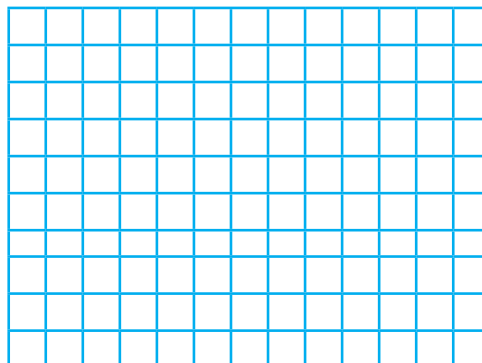
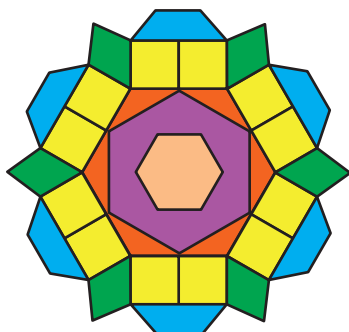
1. Naqshni davom ettiramiz.



2. Nuqtalar orqali qanday to'g'ri chiziqlar chizish mumkin?

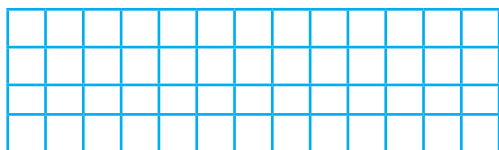


3. Murakkab shaklni chizamiz.

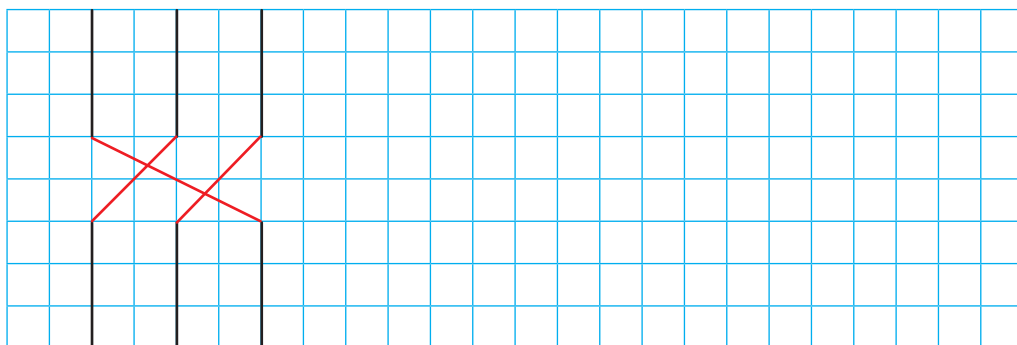


5-BOB. 7-DARS. SODDA VA YASSI SHAKLLARNI YASASH

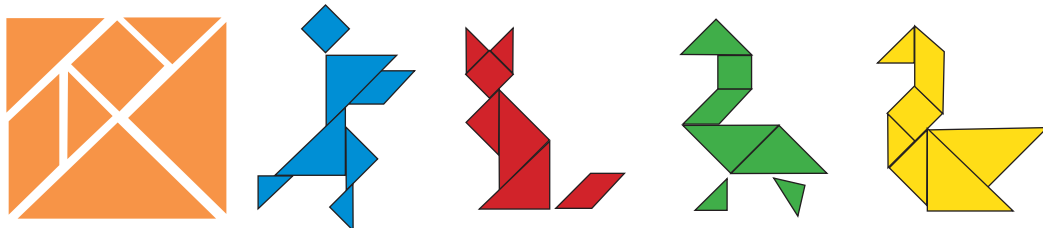
1. Abror va uning otasi maydonchaga gul ekishyapti. Maydonchani to'ldirish uchun yana qancha gul ekish kerak?



2. Naqshni davom ettiramiz.

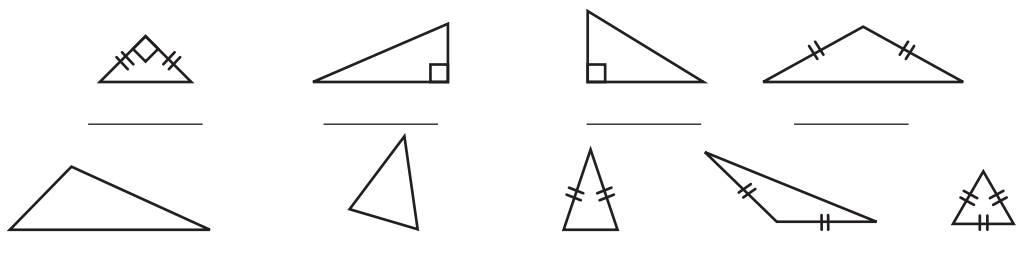


3. Rangli qog'ozni namuna asosida qirqqamiz. Qirqqimlardan qaysi shakllarni yasash mumkin?

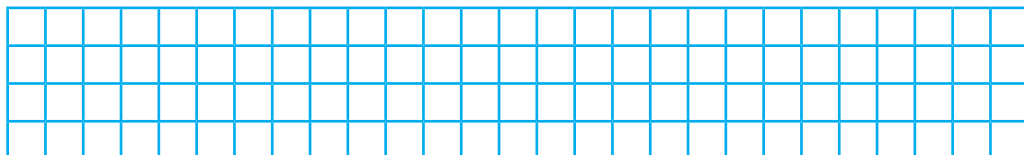
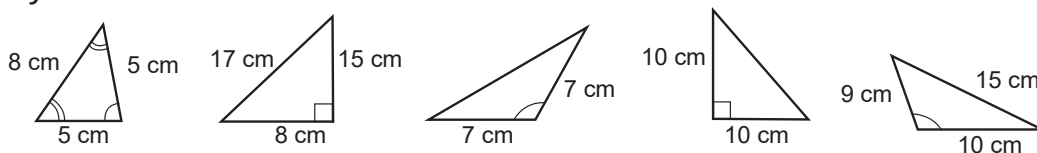


5-BOB. 8-DARS. UCHBURCHAK TURLARI

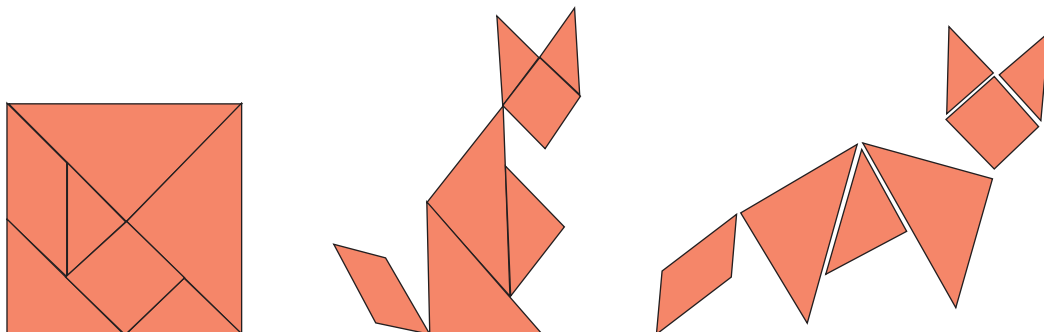
1. Har bir uchburchakning turlarini yozamiz.



2. Uchburchaklarning turlarini yozamiz va perimetrini hisoblaymiz.



3. Rangli qog'ozni namuna asosida qirqamiz. Qirqimlardan qaysi shakllarni yasash mumkin?

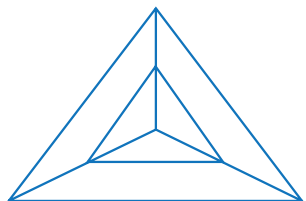


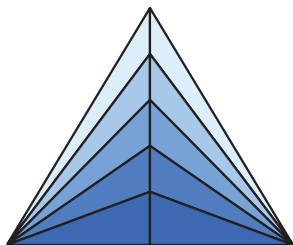
5-BOB. 9-DARS. UCHBURCHAK TURLARI

1. Naqshlarni davom ettiramiz.



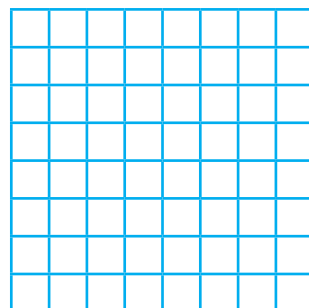
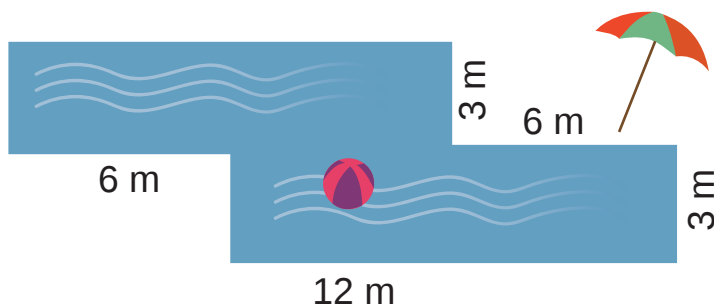
2. Har bir shaklda nechtdan uchburchak borligini sanay olasizmi?





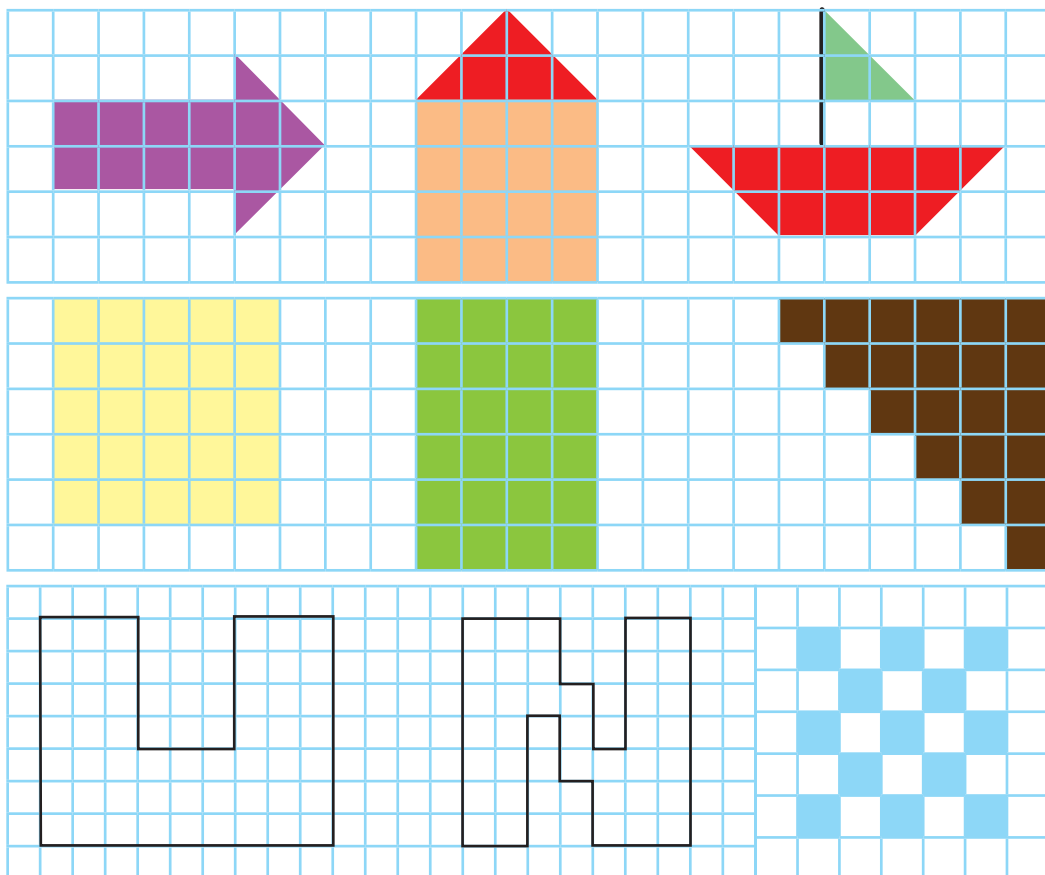


3. Hovuzning perimetrini topamiz.



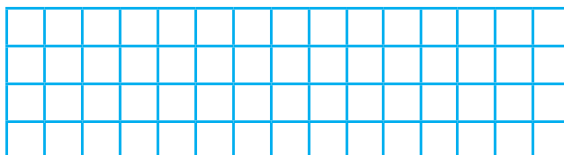
5-BOB. 10-DARS. SHAKLLAR YUZINI PALETKA YORDAMIDA O'LCHASH

1. Quyidagi shakllarning maydoni necha kvadrat birlikda ekanini yozing.



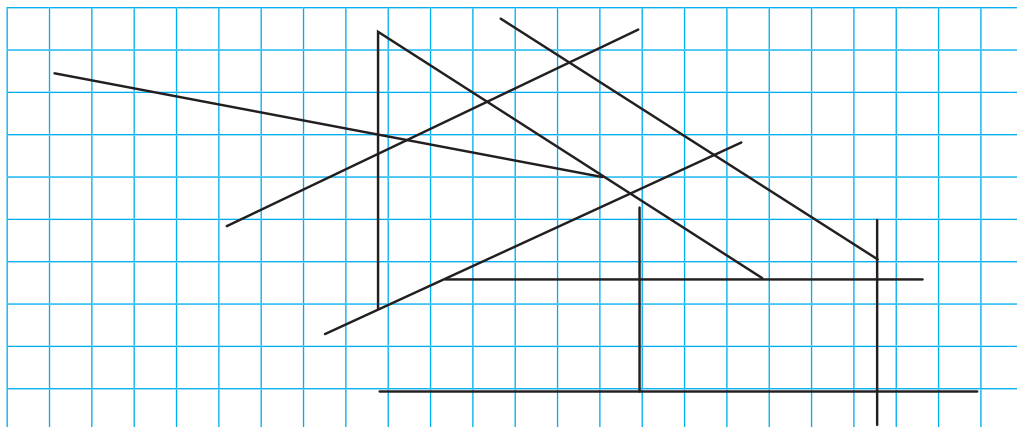
2. Bitta gugurt cho'pining joyini o'zgartirib, to'g'ri tenglik hosil qilamiz.

$$95 - 16 = 28$$



5-BOB. 11-DARS. SHAKLLAR YUZINI PALETKA YORDAMIDA O'LCHASH

1. Parallel va perpendikulyar to'g'ri chiziqlarni belgilaymiz.



2. Shakllarga mos keluvchi sonlarni topamiz.

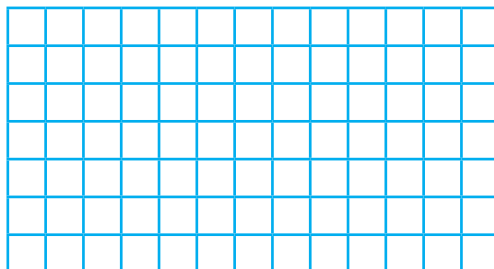
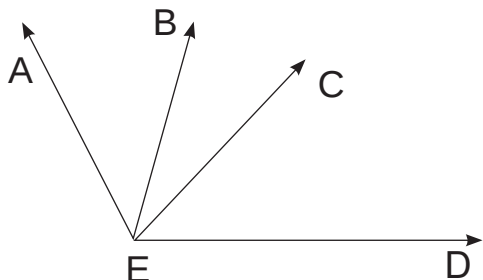
$$\bigcirc + \bigcirc + \bigcirc = 18$$

$$\bigcirc + \text{pentagon} + \triangle = 18$$

$$\triangle - \bigcirc = \triangle - 6$$

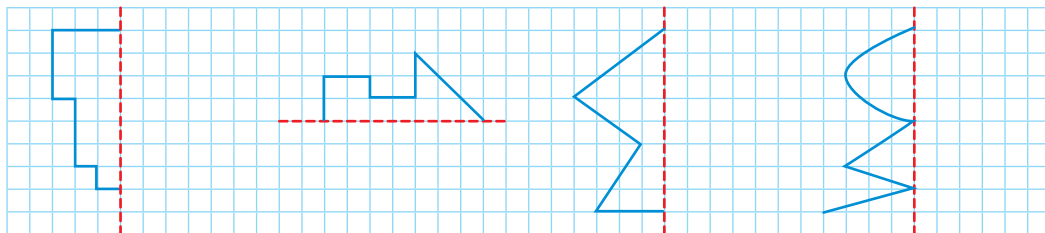
$$\bigcirc \times \triangle = \square \times 4$$

3. Nechta burchak bor? Ularning turlarini yozamiz.

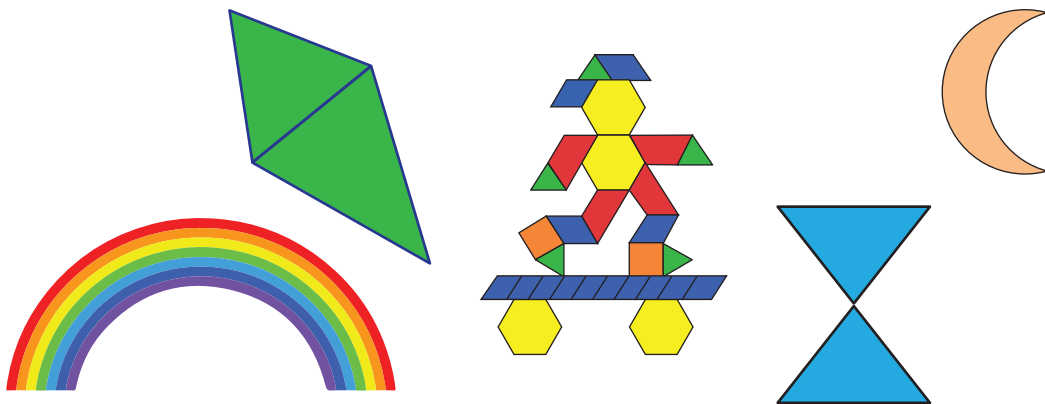


5-BOB. 12-DARS. O'QQA NISBATAN SIMMETRIYA

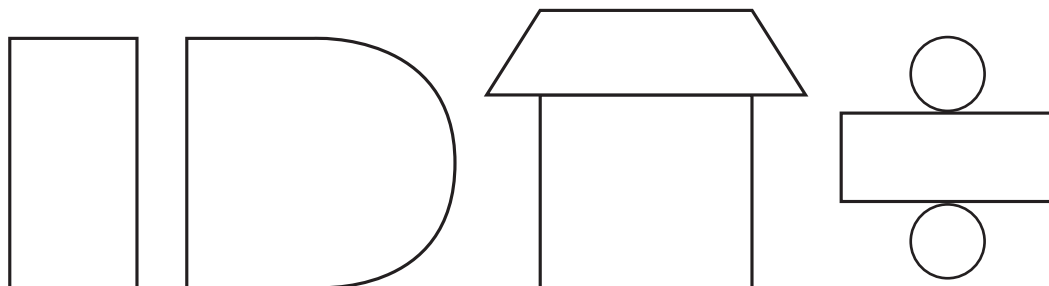
1. Quyidagi simmetrik shakllarning ikkinchi yarmini chizamiz



2. Har bir shaklda simmetriya chizig'ini chizing. Simmetriya o'qlari bo'lmagan shakllarni belgilaymiz.



3. Shakllarning simmetriya o'qlarini o'tkazamiz (ba'zi shakllarda bir necha usulda o'tkazish mumkin).

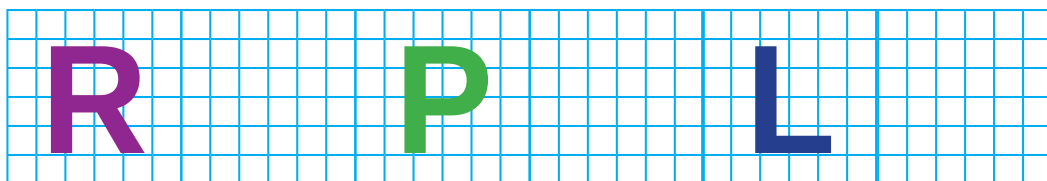


5-BOB. 13-DARS. SHAKLLARNI BURISH, SILJITISH, AYLANTIRISH

1. Shakllarni buramiz.



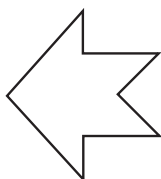
2. Shakllarni aylantiramiz.



3. Shakllarni siljitamiz.

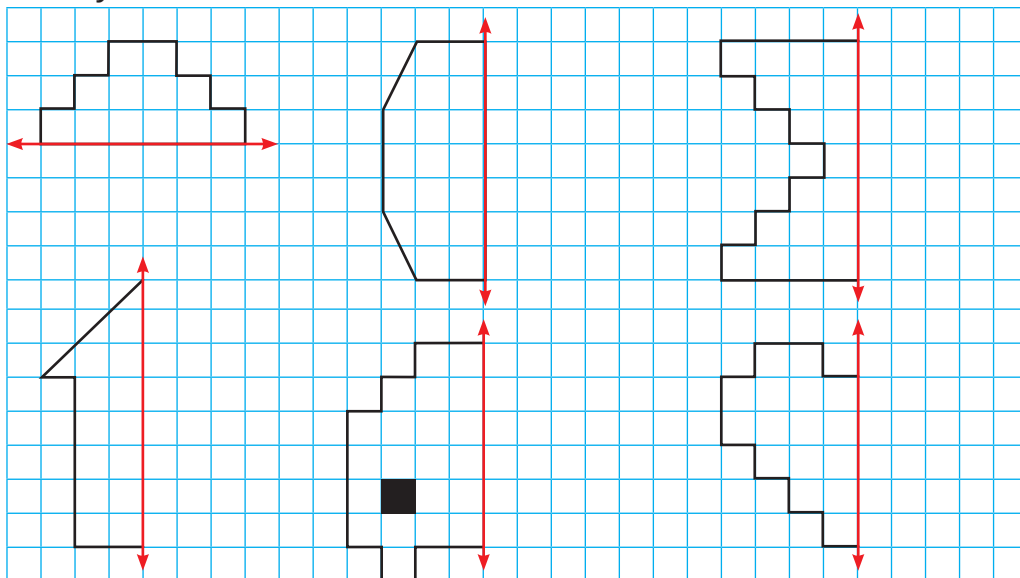


4. Shakllarning simmetriya o'qlarini o'tkazamiz (ba'zi shakllarda bir necha usulda o'tkazish mumkin).



5-BOB. 14-DARS. SHAKLLARNI BURISH, SILJITISH, AYLANTIRISH

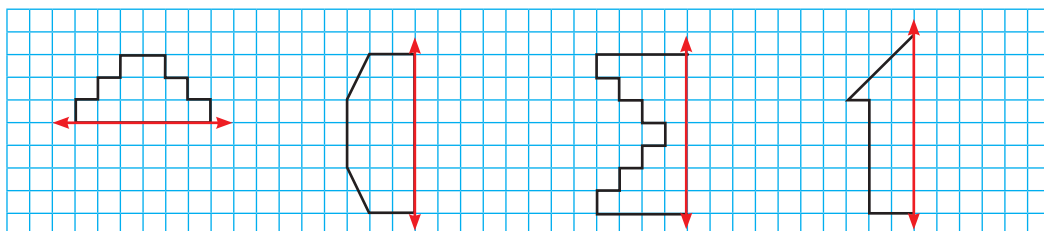
1. Simmetrik shakllarning 2-yarmini topamiz va yuzalarini hisoblaymiz.



2. Har bir harf aylantirilganda qanday holatda ko'rinadi? Aylantirib chizamiz.

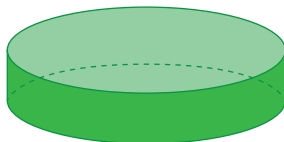
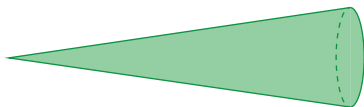
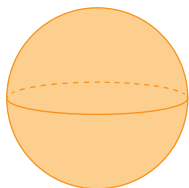


3. Simmetrik shakllarning 2-yarmini chizamiz.

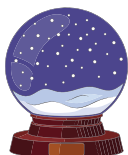
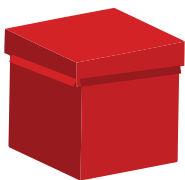


5-BOB. 15-DARS. FAZOVIIY GEOMETRIK SHAKLLAR

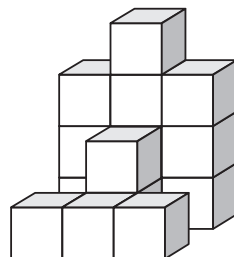
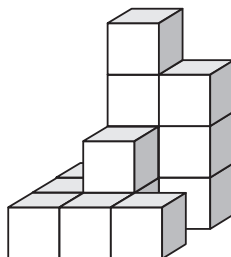
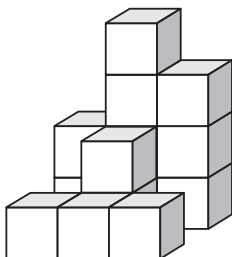
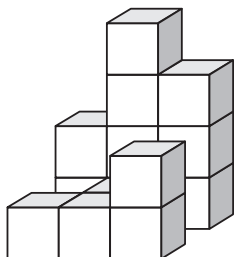
1. Shakllarning nomini yozamiz.



2. Rasmdagi buyumlar qaysi fazoviy shaklga o'xshaydi?

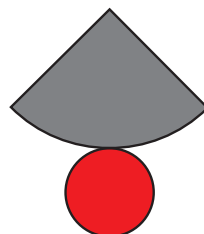
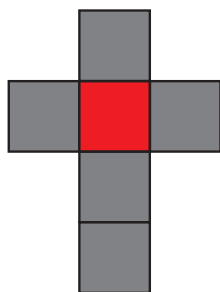


3. Kublar yordamida kuboidni to'ldiramiz. Nechta kub kerak bo'ladi?

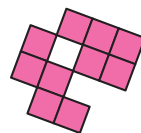
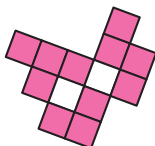
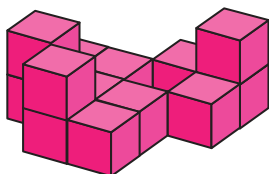


5-BOB. 16-DARS. FAZOVIIY GEOMETRIK SHAKLLAR

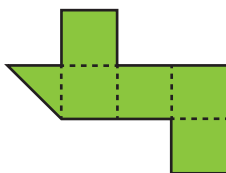
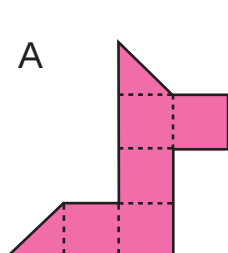
1. Berilgan eskizlardan foydalanib rangli qog'ozdan shakl yasaymiz va hosil bo'lgan shakl nomini yozamiz.



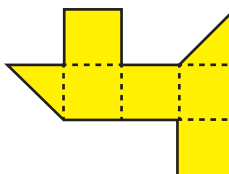
2. Berilgan shakl yuqoridan qanday ko'rinadi?



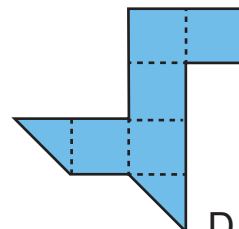
3. Quyidagi shakllardan qaysi birini yig'sak, kub hosil bo'ladi? Rangli qog'ozdan yasab ko'ramiz.



B



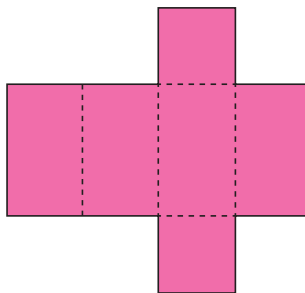
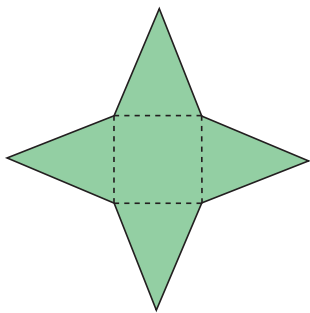
C



D

5-BOB. 17-DARS. FAZOVIIY GEOMETRIK SHAKLLAR

1. Berilgan eskizlardan foydalanib rangli qog'ozdan shakl yasaymiz va hosil bo'lgan shakl nomini yozamiz.



2. Rasmdagi buyumlar qaysi fazoviy shaklga o'xshaydi?



3. Fazoviy shakllarni bo'yaymiz va nomlaymiz.



O'quv nashri

Lolaxon O'rinboyeva, Xolmirza Yusupov,
Aziza Boymanova

MATEMATIKA

3

MASHQ DAFTARI

Yangi nashr

Muharrir Orifjon Madvaliyev
Rassom Ixvoliddin Salohiddinov
Texnik muharrir Akmal Sulaymonov
Badiiy muharrir Sarvar Farmonov
Dizayner Dilmurod Mulla-Axunov
Sahifalovchi Oloviddin Sobir o'g'li
Musahhih Xurshidbek Ibrohimov

Bosishga 10.04.2022 da ruxsat etildi. Bichimi 70x90 1/16.
Arial garniturası. Kegli 14 shponli. Ofset bosma.
Shartli bosma tabog'i 7,00. Nashriyot-hisob tabog'i 7,38.
Adadi _____ nusxa. Buyurtma № ____.