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Ph.D., Nilufar Azamova, Ph.D., Durdona Ruzimuradova, Ph.D., Yasmin Sitabkhan, D.Sc., Zuxra Saliyeva, Geri Burkholder, Elizabeth Long, Shirin Lutfeali, Lobar Ruziyeva.

O'zbekiston Respublikasi Xalq ta'limi vazirligining taqriz guruhi a'zolari: Quysintosh Abdiyeva, Nargiza Adilova, Lochin Artikov, Norgul Ikromova, Gulnoza Isakova, Gulmira Masadiqova, Azizaxon Niyazaxonova, Fotimaxon Ortikova, Qobiljon Qosimov, Nigora Ruzikulova, Shaxnoza Ruzikulova, Ozoda Shamshiyeva, Anorxon Toshbekova, Holmirza Yusupov, Arabboy Abdullajonov, Shuhrat Sattorov.

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1 Bo'sh kataklar o'rniga tushib qolgan xona birliklarini topib yozing:

a) $637 > 6_7$

b) $789 > _89$

d) $456 < 45_$

e) $256 > 2_6$

f) $501 = _01$

g) $583 < 58_$

2 $>$ yoki $<$ belgilarini qo'yib sonlarni taqqoslang:

a) $435 _ 786$

b) $737 _ 678$

d) $456 _ 465$

e) $645 _ 567$

f) $309 _ 308$

g) $903 _ 893$



3 Sonlarni xona birliklari yig'indisi ko'rinishida yozing.

Masalan: $921 = 900 + 20 + 1$

a) $827 =$

b) $581 =$

d) $108 =$

e) $628 =$

f) $915 =$

g) $401 =$

1000 ichida sonlarni turli usullardan foydalanib qo'shish va ayirish

1 Ifodalarni bo'laklab qo'shish va ayirish usulidan foydalanib bajaring:

a) $430 + 240$

b) $140 + 660$

d) $280 + 110$

e) $870 - 250$

2 Ustun shaklida hisoblang:

a)
$$\begin{array}{r} 430 \\ + 360 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 640 \\ + 290 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 780 \\ - 170 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 540 \\ - 180 \\ \hline \end{array}$$



3 Ustun shaklida hisoblang:

a) $646 + 137$

b) $772 + 128$

d) $473 - 348$

e) $885 - 786$

4 Natijani o'sib borish tartibida joylashtirsangiz, ilm dargohi nomi kelib chiqadi.

M

$$\begin{array}{r} 454 \\ - 324 \\ \hline \end{array}$$

T

$$\begin{array}{r} 454 \\ + 324 \\ \hline \end{array}$$

K

$$\begin{array}{r} 598 \\ - 215 \\ \hline \end{array}$$

A

$$\begin{array}{r} 555 \\ + 325 \\ \hline \end{array}$$

B

$$\begin{array}{r} 745 \\ + 225 \\ \hline \end{array}$$

A

$$\begin{array}{r} 545 \\ - 325 \\ \hline \end{array}$$

1 Misollarni yeching:

a) $4 \cdot 5$

b) $7 \cdot 6$

d) $7 \cdot 5$

e) $9 \cdot 3$

f) $8 \cdot 3$

g) $8 \cdot 8$

2 Ifodalarni bir-biriga bog'liqligini tushuntiring:

a) $4 \cdot 3 = \underline{\quad}$

b) $8 \cdot 7 = \underline{\quad}$

d) $6 \cdot 5 = \underline{\quad}$

$12 : 4 = \underline{\quad}$

$\underline{\quad} : 8 = 7$

$\underline{\quad} : 6 = 5$

$12 : 3 = \underline{\quad}$

$\underline{\quad} : 7 = 8$

$\underline{\quad} : 5 = 6$

3 Natijalar to'g'ri bo'lishi uchun bo'sh joylarga qanday sonlar qo'yish kerak?

a) $56 : 7$

b) $64 : 8$

d) $90 : 10$

e) $72 : 8$



4 Amallarni bajaring:

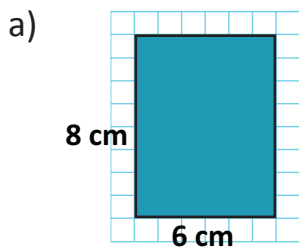
a) $32 : 4$

b) $9 \cdot 2$

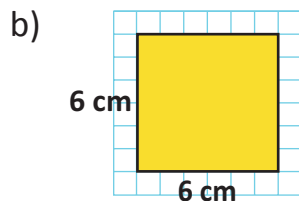
d) $42 : 7$

e) $5 \cdot 3$

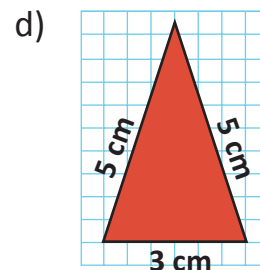
1 Shakllarning perimetrini toping. Ularning o'xshash va farqli tomonini ayting:



$_ + _ + _ + _ = _ \text{ cm}$

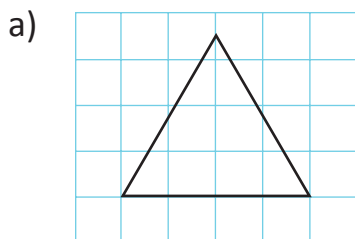


$_ + _ + _ + _ = _ \text{ cm}$

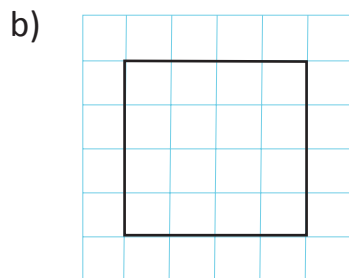


$_ + _ + _ = _ \text{ cm}$

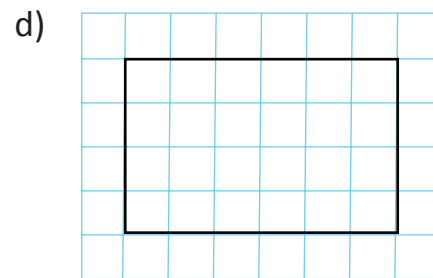
2 Daftaringizga rasmdagi shakllarni chizing. Katakka chizilgan shakllarning perimetrlarini hisoblang:



$P = _ + _ + _ = _ \text{ cm}$



$P = _ + _ + _ + _ = _ \text{ cm}$



$P = _ + _ + _ + _ = _ \text{ cm}$

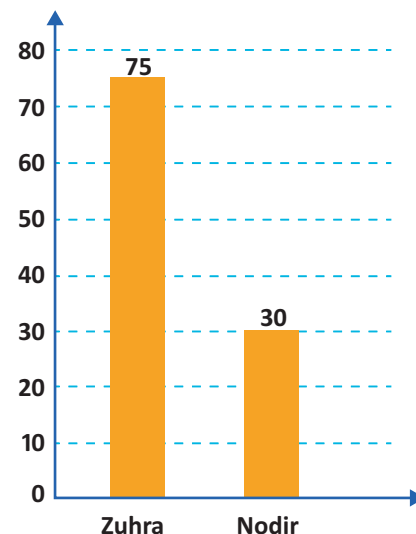


3 a) Eni 6 cm va bo'yi 5 cm bo'lgan to'rtburchak chizing. Hosil bo'lgan to'rtburchakning perimetrini toping.

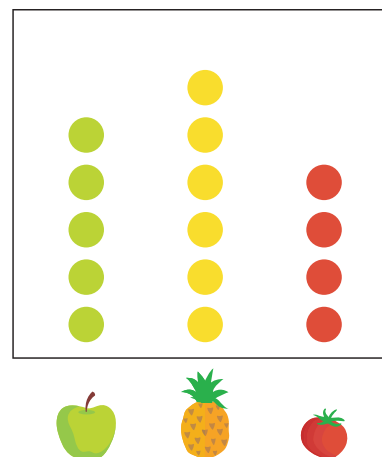
b) Shu to'rtburchakdan tomonlari uzunligi 5 cm bo'lgan kvadrat hosil qilish mumkinmi? Agar mumkin bo'lsa, kvadratning perimetri qanday bo'ladi?

- 1 3-“A” sinf o'quvchilari Zuhra va Nodir kutubxonadan bir xil ertak kitob oldilar. Zuhra ushbu kitobning 75 betini, Nodir esa 30 betini o'qib bo'ldi. Ushbu ma'lumotlar asosida chizilgan ustunli diagramma bo'yicha savollarga javob bering:

- a) Ko'proq bet kitob o'qigan o'quvchi _____ va u _____ bet o'qidi.
- b) Kamroq bet kitob o'qigan o'quvchi _____ va u _____ bet o'qidi.
- d) Ikkala o'quvchidan qaysi biri eng ko'p bet kitob o'qigan?
- e) Nodir Zuhradan _____ bet kam kitob o'qigan.
- f) Ular birgalikda _____ bet kitob o'qiganlar.



- 2 Ushbu piktogrammada bolalar orasida kim qaysi sharbatni yoqtirishi ko'rsatilgan. Piktogrammadagi ma'lumotdan foydalanib, nechta bola pomidor sharbatini yoqtirishini ayting. Nechta bola olmalı sharbatni yoqtirar ekan? Olmalı va ananasli sharbatni yoqtirgan bolalarning soni nechta?



- 1 Xona birliklari jadvalida berilgan sonlarni o'qing va bo'sh katakka yozing:

Minglar	Yuzlar	O'nlar	Birlar	
1	5	3	7	
2	5	6	9	
3	5	9	4	
4	5	7	3	

- 2 So'z bilan berilgan sonlarni raqam bilan belgilang:

Ikki ming besh yuz	
To'rt ming besh yuz	
Uch ming besh yuz	
Bir ming besh yuz	

- 3 Quyida berilgan sonlarni daftarga yozing va har bir sonda yuzlar xonasida joylashgan raqamni aylana bilan belgilang. Minglar xonasidagi raqamning tagiga chizing.

Masalan: 2 **5** 7 4

a) 462

b) 1326

d) 3006

e) 869

f) 2304

g) 4567



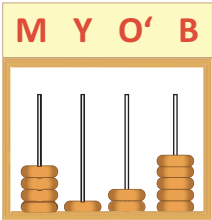
- 4 Shunday sonni yozingki, unda 4 raqami yuzlar xonasida, 0 raqami o'nlar xonasida, 2 raqami minglar xonasida va 0 raqami birlar xonasida joylashgan bo'lsin.

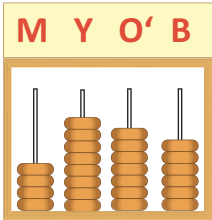
Minglar	Yuzlar	O'nlar	Birlar

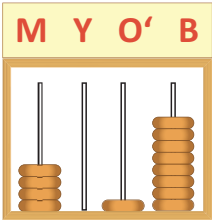
- 5 4-misolda hosil bo'lgan sonni ishlating. Undan 100 taga katta bo'lgan son nechaga teng? 1000 ga katta bo'lgan son-chi? 100 ga kichik bo'lgan son nechaga teng bo'ladi?

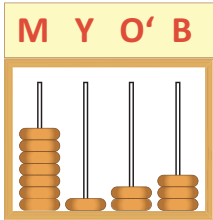
1000 dan 10 000 gacha sonlarini raqamlash: xona birliklari jadvalida ko'rsatish

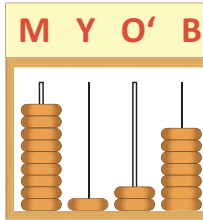
- 1 Quyidagi rasmda tasvirlangan sonlarni toping va ularni xona birliklari jadvaliga joylashtiring:

a) 

b) 

d) 

e) 

f) 

- 2 Yig'indi shaklida berilgan sonlarni bo'sh kataklarga yozing:

a) = 1000 + 400 + 80 + 5

b) = 2000 + 700 + 0 + 1

d) = 3000 + 800 + 60 + 7

e) = 4000 + 0 + 90 + 8

- 3 Quyidagi rasmda tushirib qoldirilgan raqamlarni toping va mos ravishda joylashtiring:

1 3 0 4 = minglar yuzlar o'nlar birlar

5 0 4 2 = minglar yuzlar o'nlar birlar



- 4 Jadvalning bo'sh kataklarini **namunaga qarab** to'ldiring:

4672	4000 + 600 + 70 + 2
5728	
6029	
7134	

1000-10 000 sonlarini raqamlash: sonlarni xona qo'shiluvchilari yig'indisi shaklida yozish

- 1 Quyida berilgan 4 ta son 3 xil ko'rinishda berilgan. Mos sonni 3 xil ko'rinishini topib, ularni bir xil rangda bo'yang:

$$5000 + 400 + 30 + 2$$

$$4000 + 500 + 20 + 4$$

$$5000 + 300 + 40 + 3$$

$$4000 + 300 + 80 + 8$$

Minglar	Yuzlar	O'nlar	Birlar
5	4	3	2
5	3	4	3
4	5	2	4
4	3	8	8

5343 5432 4524 4388

- 2 Berilgan sonlarni xona qo'shiluvchilari yig'indisi ko'rinishida yozing:

a) 4108

b) 9848

d) 5563

e) 4570

- 3 Quyida berilgan sonlarning xona birliklari yig'indisi shaklidagi bo'sh joylarni to'ldiring:

a)	2593	=	2000	+		+	90	+	
b)	4421	=		+		+		+	1
d)	8079	=	8000	+		+		+	



- 4 Jadvalning bo'sh kataklarini **namunaga qarab** to'ldiring:

4672	$4000 + 600 + 70 + 2$	To'rt ming olti yuz yetmish ikki
5239		
	$6000 + 100 + 40 + 2$	
		Sakkiz ming ikki yuz ellik sakkiz

1000 dan 10 000 gacha sonlarni sonlar o'qida chamalab joylashtirish

- 1 Quyida so'z bilan berilgan sonlarni raqamlar yordamida yozing va ularni son o'qida chamalab joylashtiring: bir ming besh yuz; ikki ming besh yuz; uch ming besh yuz.



- 2 Berilgan oraliqqa

- a) 1100 va 1800;
b) 3100 va 3490;
d) 6003 va 6190 sonlarini chamalab joylashtiring.



- 3 Berilgan sonlarni chamalab, son o'qida joylashtiring: 5500, 5200, 5900, 5400.



- 4 1500, 2700, 3010, 4200 va 4900 sonlarni son o'qida chamalab joylashtiring:

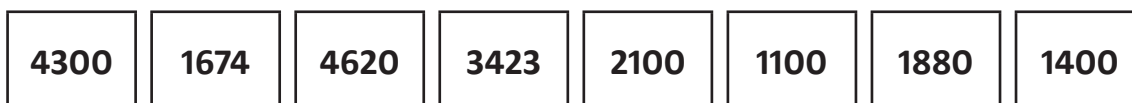


1000 dan 10 000 gacha sonlarni sonlar o'qida chamalab joylashtirish

- 1 4800, 6100, 7300 sonlarini berilgan son o'qida chamalab joylashtiring:



- 2 Quyida berilgan sonlarni sonlar o'qida joylashtiring:



- 3 Yuk mashinalari olib ketayotgan yuklarni son o'qida chamalab joylashtiring.



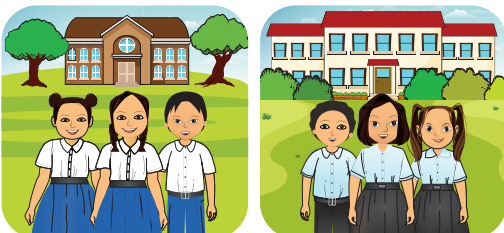
Xona birliklari jadvali yordamida sonlarni taqqoslash

1 Sonlarni xona birliklariga qarab taqqoslang:

- a) 2555 ____ 1785 b) 3540 ____ 3675 d) 2755 ____ 2789
e) 1238 ____ 1241 f) 4023 ____ 959 g) 5018 ____ 5819

2 Xona birliklari jadvalidan foydalanib, sonlarni taqqoslang:

a) 2075 nafar o'quvchi 2162 nafar o'quvchi



Qaysi maktabda o'quvchilar ko'proq?

b) 3441 ta kitob 3425 ta kitob



Qaysi kutubxonada kitob ko'proq?

3 Bo'sh kataklarni to'ldiring va hosil qilingan sonlarni bir-biri bilan taqqoslang:

Minglar xonasi	Yuzlar xonasi	O'nlar xonasi	Birlar xonasi
6	7		0
8		9	0
	8	7	9
	9	9	9



4 Xona birliklari jadvalidan foydalanib, bo'sh joylarni to'ldiring:

- a) 3781 > 3__81 b) 3890 < 389__ d) 1123 > __023
e) 7462 < 74__2 f) 2691 = 2__91 g) 3624 > 3__24

- 1 Sonlar o'qida 2100, 2700 sonlarni chamalab toping va ularni taqqoslang:



- 2 Berilgan misollarda sonlar juftliklarini sonlar o'qida chamalab ko'rsating va taqqoslang:

a) 8194 ____ 8071

d) 6813 ____ 8910

b) 6891 ____ 2018

e) 5001 ____ 5015



- 3 Sonlarni chamalab ko'rsating va ularni taqqoslang:

a) 2250 ____ 3550

b) 2200 ____ 4200

d) 4700 ____ 3880

e) 7800 ____ 6500



- 1 O'qituvchi Murod va Dilnozadan 346 sonini 10 lar xonasigacha yaxlitlashni so'radi. O'quvchilar javoblarini, tegishlicha belgilang.

O'quvchilar ismi	Ularning javobi	✓, ✗
Murod	$34\textcircled{6} \approx 350$, chunki: $6 > 5$, 1 o'nlik ortadi	
Dilnoza	$34\textcircled{6} \approx 340$, chunki: $6 > 5$, 6 soni yaxlitlanadi	

- 2 Sonlar o'qidan foydalanib, sonlarni 10 lar xonasigacha yaxlitlang:

a) $8\text{2}\underline{1} \approx$

b) $8\text{4}\underline{6} \approx$

d) $8\text{6}\underline{2} \approx$

e) $8\text{8}\underline{8} \approx$

- 3 Sonlarni 100 lar xonasigacha yaxlitlang:

a) $9\text{7}\underline{0}2 \approx$

b) $8\text{6}\underline{9}2 \approx$

d) $8\text{9}\underline{6}1 \approx$

e) $1\text{2}\underline{2}4 \approx$

f) $8\text{7}\underline{2}4 \approx$

g) $8\text{0}\underline{0}0 \approx$

- 4 Sonlarni 10 lar va 100 lar xonasigacha yaxlitlang:

a) $1\text{5}\underline{2} \approx$

b) $2\text{6}\underline{8}4 \approx$

d) $4\text{3}\underline{2}1 \approx$

$\underline{1}52 \approx$

$\underline{2}684 \approx$

$\underline{4}321 \approx$



- 5 Sonlarni 100 lar xonasigacha yaxlitlang:

a) $5\text{2}\text{3}\text{8} \approx$

b) $6\text{7}\text{8}\text{9} \approx$

d) $5\text{2}\text{9}\text{5} \approx$

e) $3\text{8}\text{0}\text{0} \approx$

f) $4\text{7}\text{6}\text{8} \approx$

g) $1\text{2}\text{9}\text{8} \approx$

1 Quyida berilgan mahsulot narxlarini 1000 so'mgacha yaxlitlang:



4895 so'm

_____ so'm



7850 so'm

_____ so'm



9180 so'm

_____ so'm



3285 so'm

_____ so'm

2 Siz narxi 1850 so'mlik ruchka, 2125 so'mlik daftar va 7995 so'mga kitob sotib olmoqdasiz. Bu mahsulot narxlarini 1000 so'mgacha yaxlitlang.

3 Yaxlitlang:

O'nlargacha	Yuzlargacha	Minglargacha
6423 ≈	9815 ≈	5381 ≈
8056 ≈	8056 ≈	6685 ≈



4 "O'yinchoq" do'konidagi ushbu mahsulot narxlarini 10, 100 va 1000 so'mgacha yaxlitlang:

Mahsulot	Narxi	10 so'mgacha	100 so'mgacha	1000 so'mgacha
	9980 so'm			
	5750 so'm			
	8799 so'm			
	6079 so'm			

1 Sonlarni o'qing va ularni xona birliklari jadvaliga joylang:

	Minglar xonasi	Yuzlar xonasi	O'nlar xonasi	Birlar xonasi
a) 3467				
b) 4871				
d) 5026				
e) 6708				

2 Xona birliklari jadvalidan foydalanib, sonlarni taqqoslang:

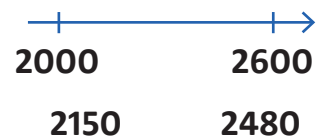
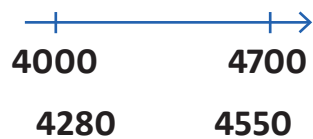
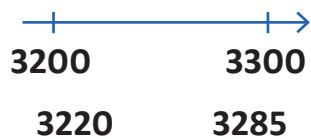
a) 4027 ____ 4631

b) 1895 ____ 1804

d) 3008 ____ 7999

e) 7318 ____ 7319

3 Berilgan sonlarni sonlar o'qida chamalab taqqoslang:



4 3487 va 4579 sonlarini 10 lar, 100 lar va 1000 largacha yaxlitlang:

Sonlar	10 largacha	100 largacha	1000 largacha
3487			
4579			

1 Quyidagi sonlarni qo'shishda qaysi xona birligi o'zgarsa, shuning tagiga chizing va keyin qo'shishni og'zaki bajaring:

a) $3000 + 2000$

b) $3000 + 7000$

d) $8000 + 300$

e) $2000 + 650$

f) $4000 + 4100$

g) $4500 + 3400$

2 Quyidagi sonlarni ayirishni og'zaki bajaring:

a) $7000 - 2000$

b) $5000 - 4000$

d) $8500 - 2500$

e) $7700 - 700$

f) $6500 - 500$

g) $4200 - 200$

3 Tumanda 2 ta maktab bor.
1-maktabda 2500 ta, 2-maktabda
3200 ta o'quvchi o'qiydi. Ikkala
maktabda jami nechta o'quvchi
bor?

4 2020-yilda
Ma'muraning
bobosi 80
yoshga to'ldi.
Bobo nechanchi
yilda tug'ilgan?



5 Quyidagi amallarni og'zaki bajaring:

a) $4800 + 200$

b) $5600 - 400$

d) $8200 - 300$

6 Markaziy kutubxonada "Tarix" bo'limining yuqori tokchasida 1500 ta kitob bor. Pastki tokchada esa 1300 ta kitob bor. "Tarix" bo'limida jami nechta kitob bor? Agar shu kitoblarning 800 tasi tuman kutubxonasiga berilsa, markaziy kutubxonada tarixga oid nechta kitob qoladi?

Uchta sonni og'zaki qo'shish va ayirish

1 Xona qo'shiluvchilari bilan berilgan sonlarni og'zaki hisoblab toping:

a) $8000 + 800 + 80$

b) $9000 + 200 + 50$

d) $4000 + 700 + 40$

e) $5000 + 600 + 10$

f) $7000 + 600 + 30$

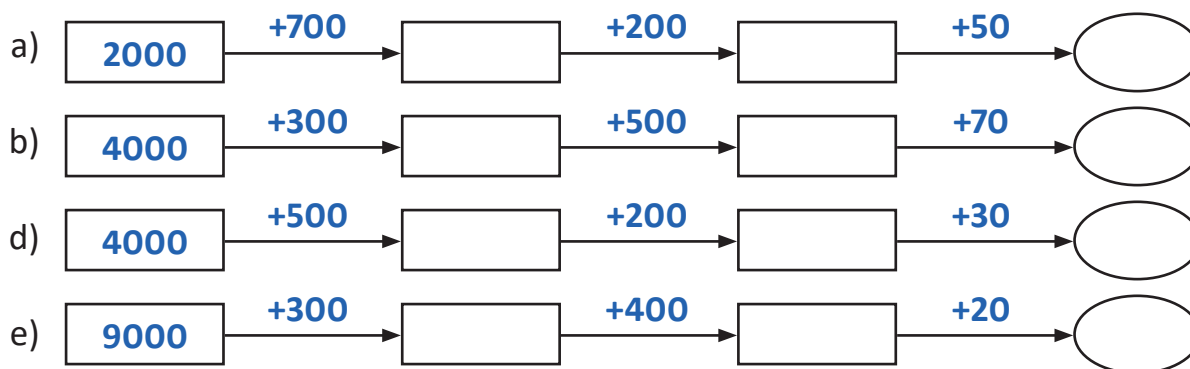
g) $3000 + 500 + 20$

2 Berilgan shartlarga mos masala tuzing va uni yeching:

Bor edi - 3000 ta
Qo'shildi - 800 ta
Uchib keldi - 50 } ? ta

3 6870 va 8940 sonlari bilan masala tuzing va yeching.

4 Son yo'lagini og'zaki hisoblab, bo'sh joylarni to'ldiring:



5 Jadvalni og'zaki hisoblab, bo'sh joylarni to'ldiring:

4000	+		=	5000
+		+		+
	+	2000	=	
=		=		=
6000	+		=	9000

1 Quyidagi to'rt xonali sonlarni ustun shaklida qo'shing:

a)
$$\begin{array}{r} 3217 \\ + 2531 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 2216 \\ + 2503 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 4435 \\ + 3162 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 1437 \\ + 6250 \\ \hline \end{array}$$

f)
$$\begin{array}{r} 4226 \\ + 3521 \\ \hline \end{array}$$

g)
$$\begin{array}{r} 3781 \\ + 2016 \\ \hline \end{array}$$

2 Quyidagi to'rt xonali sonlarni xona birliklari jadvalidan foydalanib qo'shing:

a)
$$\begin{array}{r} \text{M Y O' B} \\ 2143 \\ + 7436 \\ \hline \end{array}$$

b)
$$\begin{array}{r} \text{M Y O' B} \\ 7052 \\ + 2917 \\ \hline \end{array}$$

d)
$$\begin{array}{r} \text{M Y O' B} \\ 5552 \\ + 4447 \\ \hline \end{array}$$

3 Quyidagi to'rt xonali sonlarni ustun shaklida qo'shing. Teskari amal yordamida yig'indining to'g'ri ekanligini tekshiring:

a) $4130 + 2638$

b) $5362 + 3023$

d) $2714 + 3053$



4 Quyidagi to'rt xonali sonlarni ustun shaklida qo'shing. Teskari amal yordamida yig'indining to'g'ri ekanligini tekshiring:

a) $2130 + 4867$

b) $6008 + 3991$

d) $2543 + 4444$

To'rt xonali sonlarni ustun shaklida ayirish

1 Quyidagi sonlarni ustun shaklida ayirishni xona birliklaridan foydalanib bajaring:

$$\begin{array}{r} \text{a) } \quad \text{M Y O' B} \\ \quad 6 \ 4 \ 9 \ 3 \\ - \quad 3 \ 2 \ 7 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } \quad \text{M Y O' B} \\ \quad 4 \ 2 \ 7 \ 5 \\ - \quad 4 \ 0 \ 6 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } \quad \text{M Y O' B} \\ \quad 8 \ 4 \ 7 \ 9 \\ - \quad 3 \ 4 \ 5 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e) } \quad \text{M Y O' B} \\ \quad 7 \ 1 \ 6 \ 3 \\ - \quad 4 \ 0 \ 2 \ 0 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f) } \quad \text{M Y O' B} \\ \quad 9 \ 8 \ 7 \ 6 \\ - \quad 2 \ 3 \ 4 \ 5 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g) } \quad \text{M Y O' B} \\ \quad 9 \ 9 \ 3 \ 6 \\ - \quad 8 \ 1 \ 3 \ 3 \\ \hline \end{array}$$

2 Bo'sh kataklarga yuqorida berilgan raqamlardan moslarini qo'ying:

$$\begin{array}{r} \text{a) } \quad \boxed{1} \boxed{2} \boxed{5} \boxed{7} \\ \quad \quad 4 \ 3 \ 7 \\ - \quad 2 \ 2 \\ \hline \quad 3 \ 2 \ 0 \end{array}$$

$$\begin{array}{r} \text{b) } \quad \boxed{3} \boxed{4} \boxed{5} \boxed{9} \\ \quad \quad 7 \ 8 \ 3 \\ - \quad 2 \ 5 \ 7 \\ \hline \quad 1 \ 9 \end{array}$$

$$\begin{array}{r} \text{d) } \quad \boxed{1} \boxed{2} \boxed{6} \boxed{8} \\ \quad \quad 3 \ 2 \ 8 \ 9 \\ - \quad 6 \ 1 \\ \hline \quad 1 \ 6 \end{array}$$

3 Quyidagi sonlarni ayirishni ustun shaklida bajaring va teskari amal bilan ayirmaning to'g'riligini tekshiring:

$$\text{a) } 5436 - 3318$$

$$\text{b) } 2728 - 1547$$

$$\text{d) } 6347 - 2615$$

$$\text{e) } 4572 - 2654$$

$$\text{f) } 9314 - 8157$$

$$\text{g) } 5815 - 3789$$



4 Quyidagi sonlarni ustun shaklida ayiring va teskari amal bilan ayirmaning to'g'riligini tekshiring:

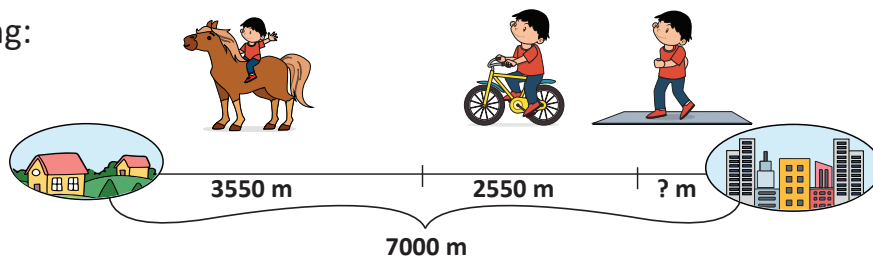
$$\text{a) } 6274 - 2512$$

$$\text{b) } 3376 - 2276$$

$$\text{d) } 8512 - 7812$$

To'rt xonali sonlarni qo'shish va ayirishga doir matnli masalalar

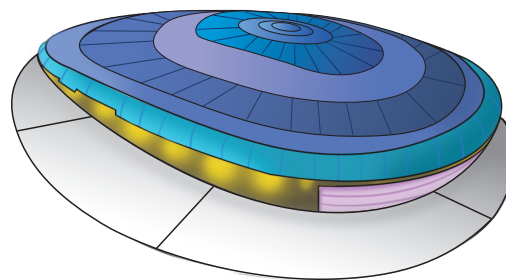
1 Rasmga mos masala tuzing:



2 Amudaryo va Sirdaryo daryolari O'zbekistonning eng yirik daryolaridir. Amudaryoning uzunligi 1415 km, Sirdaryoning uzunligi esa 2212 km bo'lsa, ularning jami uzunligi necha km ga teng?



3 Xokkey musobaqasiga 7748 ta bilet sotildi. Jami tomoshabinlar uchun ajratilgan joylar soni 9500 ta bo'lsa, yana nechta bilet sotish mumkin?



4 Zilolada 8500 so'm puli bor edi. U 4000 so'mga shokolad, 1200 so'mga esa muzqaymoq sotib oldi. Zilolada necha so'm pul qoldi?



5 Abu Rayhon Beruniy 1030-yilda Amerika qit'asining mavjudligini ilmiy asoslagan. 462 yildan so'ng yevropalik sayyoh Xristofor Kolumb Amerika qit'asini kashf qilgan. Amerika qit'asi nechanchi yil kashf etilgan?

6 Hayvonot bog'ida jami 3165 ta jonivor bor. Ularning 718 tasi sut emizuvchilar turkumiga kiradi. Hayvonot bog'idagi nechta hayvon sut emizuvchilar turkumiga kirmaydi?

Ikki xonali sonlarni bir xonali sonlarga og'zaki
ko'paytirish va bo'lish

1 Amallarni og'zaki bajaring:

a) $50 \cdot 4$

b) $40 \cdot 3$

d) $20 \cdot 4 + 100$

e) $5 \cdot 30$

f) $2 \cdot 60$

g) $30 \cdot 2 + 300$

2 Bo'lishni og'zaki hisoblang:

a) $80 : 2$

b) $60 : 3$

d) $100 + 80 : 4$

e) $90 : 3$

f) $40 : 2$

g) $130 - 60 : 2$

3 Jadval asosida amallar tuzing va natijalarini og'zaki hisoblang:

Qo'shiluvchi	$60 : 3$	$70 : 7$	$40 \cdot 2$	$90 : 3$	$5 \cdot 20$
Qo'shiluvchi	$3 \cdot 40$	$50 \cdot 2$	$30 : 2$	$4 \cdot 30$	$80 : 4$
Yig'indi					



4 Amallarni og'zaki bajaring:

a) $40 \cdot 3 + 120$

b) $3 \cdot 20 + 100$

d) $750 - 50 \cdot 3$

e) $220 - 60 : 3$

f) $100 + 80 : 4$

g) $(40 - 30) \cdot 9$

1 Ko'paytmalarni hisoblang va daftarga yozing:

$$\begin{array}{r} \text{a) } 20 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 31 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 60 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e) } 11 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f) } 43 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g) } 71 \\ \times 4 \\ \hline \end{array}$$

2 Amallarni bajaring:

$$\text{a) } 32 \cdot 2$$

$$\text{b) } 3 \cdot 13$$

$$\text{d) } 18 \cdot 5 + 100$$

$$\text{e) } 2 \cdot 34$$

$$\text{f) } 24 \cdot 6$$

$$\text{g) } 4 \cdot 23 + 220$$

3 Ustun shaklida ko'paytiring:

$$\text{a) } 23 \cdot 4$$

$$\text{b) } 39 \cdot 3$$

$$\text{d) } 43 \cdot 5$$

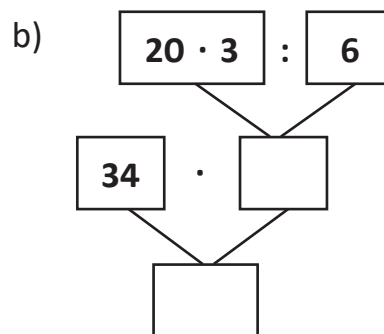
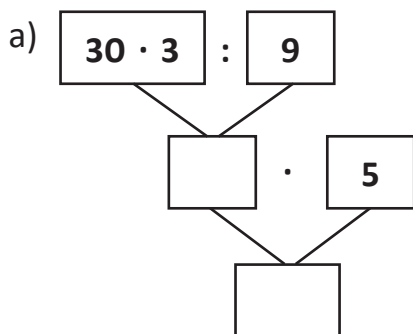
$$\text{e) } 12 \cdot 9$$

$$\text{f) } 82 \cdot 7$$

$$\text{g) } 62 \cdot 8$$



4 Amallarni bajarish algoritmidan foydalanib, natijani toping:



Uch xonali sonni bir xonali songa ko'paytirish

1 Ko'paytirishni bajaring:

a) $174 \cdot 4$

b) $218 \cdot 4$

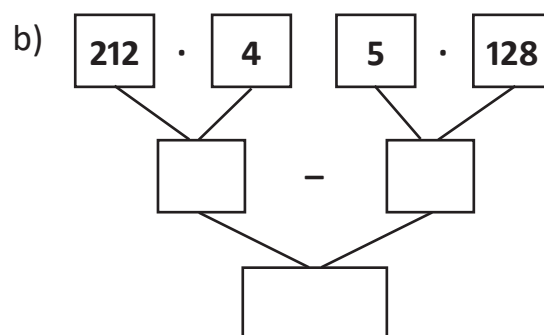
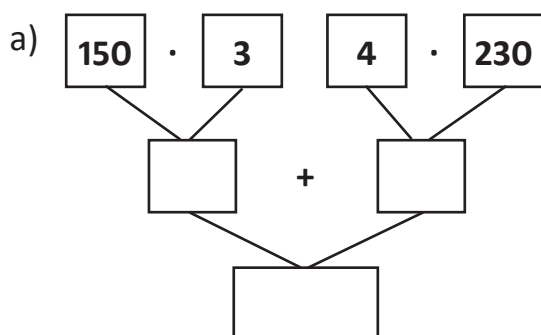
d) $5 \cdot 120$

e) $5 \cdot 235$

f) $3 \cdot 428$

g) $7 \cdot 121$

2 Amallarni bajarish algoritmi bo'yicha hisoblang:



3 Ko'paytmalarni hisoblab, xatoga yo'l qo'ygan o'quvchilarni toping. Ular nimada xato qilgan, o'ylab ko'ring.

Akmal

$$\begin{array}{r} 318 \\ \times \quad 2 \\ \hline 924 \end{array}$$

Bahora

$$\begin{array}{r} 304 \\ \times \quad 2 \\ \hline 608 \end{array}$$

Diyor

$$\begin{array}{r} 415 \\ \times \quad 4 \\ \hline 1660 \end{array}$$

Erkin

$$\begin{array}{r} 132 \\ \times \quad 4 \\ \hline 428 \end{array}$$

Farida

$$\begin{array}{r} 275 \\ \times \quad 3 \\ \hline 815 \end{array}$$

Guli

$$\begin{array}{r} 108 \\ \times \quad 2 \\ \hline 216 \end{array}$$



4 Amallarni bajaring:

a) $152 \cdot 2 + 3 \cdot 130$

b) $4 \cdot 128 - 37 \cdot 3$

d) $3 \cdot 127 - 2 \cdot 102$

e) $124 \cdot 4 - 2 \cdot 158$

1 Ko'paytirish algoritmining qadamlarini yozib, hisoblang: $24 \cdot 13 =$

	Y	O'	B
x	1		
+			

	Y	O'	B
x		3	
	7	2	
+			

	Y	O'	B
		2	4
x	1	3	
+			

2 Amallarni ustun shaklda yeching. Ifodalarda berilgan harflarni mos kataklarga yozsangiz, buyuk bobokalonimiz A.Navoiyning hikmatlaridan birini o'qiydiz:

a) $39 \cdot 12 = Z$

b) $18 \cdot 24 = B$

d) $32 \cdot 18 = A$

e) $104 \cdot 6 = N$

f) $42 \cdot 15 = D$

g) $46 \cdot 13 = U$

h) $19 \cdot 18 = R$

i) $312 \cdot 3 = O'$

j) $25 \cdot 14 = O$

k) $205 \cdot 4 = -$

l) $13 \cdot 34 = G$

m) $36 \cdot 24 = I$

n) $357 \cdot 2 = L$



350	468	820	350	468

936	342	442	576	624	864	432

630	350	624	350

432	936	714	598	342



3 Amallarni bajaring:

a) $65 \cdot 20$

b) $27 \cdot 22$

d) $30 \cdot 14$

e) $13 \cdot 44$

f) $15 \cdot 38$

g) $2 \cdot 195$

1 Ko'paytmani toping:

a) $22 \cdot 15$

b) $23 \cdot 14$

d) $31 \cdot 19$

e) $42 \cdot 13$

f) $45 \cdot 24$

g) $21 \cdot 24$

2 Amallarni bajaring:

a) $(8 + 4) \cdot 50$

b) $(2 \cdot 7) \cdot 17$

d) $(42 - 20) \cdot 15$

e) $20 \cdot (15 + 20)$

3 Namunaga qarab, ifodaning qiymatini toping.

Namuna: $16 \cdot 14 = 16 \cdot (10 + 4) = 16 \cdot 10 + 16 \cdot 4 = 160 + 64 = 224$

a) $16 \cdot 14$

b) $32 \cdot 13$

d) $25 \cdot 12$

e) $22 \cdot 23$

f) $42 \cdot 21$

g) $11 \cdot 21$



4 Amallarni bajaring:

a) $25 \cdot 30$

b) $31 \cdot 32$

d) $52 \cdot 10$

e) $22 \cdot 42$

5 Berilgan ifodalarni hisoblang:

a) $11 \cdot 23$

b) $12 \cdot 19$

d) $14 \cdot 15$

e) $21 \cdot 21$

1 Bo'lishni bajaring:

a) $72 : 4$

b) $78 : 6$

d) $84 : 6$

e) $48 : 3$

f) $72 : 3$

g) $91 : 7$

2 Amallarni bajaring:

a) $51 : 3 + 72$

b) $64 : 4 + 68$

d) $96 : 6 - 10$

e) $91 : 7 + 11$

f) $76 : 4 + 35$

g) $95 : 5 + 45$

3 Misollarni yeching:

a) $84 : 4$

b) $55 : 5$

d) $88 : 8$

e) $96 : 3$



4 Gulnora va Elyorbek buvijonlarining tug'ilgan kuniga 72 ta keks pishirib, dasturxonga 4 ta laganchada qo'yishmoqchi. Ular bitta laganchaga nechtadan keks solishi kerak?



5 Misollarni yeching:

a) $45 : 3$

b) $84 : 7$

d) $78 : 3$

e) $96 : 4$

f) $51 : 3$

g) $98 : 7$

Uch xonali sonni bir xonali songa bo'lish

1 Bo'lishni ustun shaklida bajaring:

a) $930 : 5$

b) $426 : 2$

d) $363 : 3$

e) $936 : 4$

f) $448 : 4$

g) $936 : 3$

2 Bo'lishni ustun shaklida bajaring:

a) $328 : 2$

b) $542 : 2$

d) $456 : 3$

e) $879 : 3$

f) $684 : 4$

g) $915 : 5$

3 Bo'lishni to'g'ri bajarib, teskari amal yordamida tekshiring:

a) $240 : 6$

b) $608 : 4$

d) $980 : 7$

e) $720 : 9$



4 Bo'lishni ustun shaklida bajaring:

a) $436 : 2$

b) $975 : 3$

d) $856 : 4$

e) $855 : 5$

f) $678 : 6$

g) $791 : 7$

- 1 Misollarni bo'linmani tanlash usulidan foydalanib yeching va teskari amal bilan javobni tekshiring:

Bo'lish	Tekshirish
a) $56 : 14 = \underline{\hspace{2cm}}$	$14 \cdot \underline{\hspace{2cm}} = 56$
b) $22 : 11 = \underline{\hspace{2cm}}$	$11 \cdot \underline{\hspace{2cm}} = 22$
d) $68 : 17 = \underline{\hspace{2cm}}$	
e) $38 : 19 = \underline{\hspace{2cm}}$	
f) $45 : 15 = \underline{\hspace{2cm}}$	
g) $88 : 22 = \underline{\hspace{2cm}}$	

- 2 Bo'lishni bajaring:

a) $60 : 20$

b) $27 : 27$

d) $81 : 27$

e) $92 : 23$

f) $90 : 15$

g) $77 : 11$

h) $68 : 17$

i) $64 : 16$

- 3 Bo'linmani 3, 4 va 5 sonlari orasidan tanlab, misollarni yeching:

a) $36 : 12$

b) $42 : 14$

d) $84 : 21$

e) $75 : 15$



- 4 Misollarni yeching va teskari amal bilan javobni tekshiring:

a) $84 : 12$

b) $48 : 16$

d) $316 : 4$

e) $78 : 13$

f) $75 : 15$

g) $256 : 8$

Bo'lim bo'yicha o'tilganlarni takrorlash

1 Yig'indilarni ustun shaklida hisoblang va teskari amal yordamida tekshiring:

a) $2567 + 1234$

b) $5918 + 3102$

d) $3865 + 2176$

e) $6319 + 1843$

f) $4049 + 2197$

g) $2095 + 6573$

2 Ayirmalarni ustun shaklida hisoblang va teskari amal yordamida tekshiring:

a) $4130 - 2638$

b) $5362 - 3023$

d) $6714 - 4053$

e) $6987 - 1234$

f) $5918 - 2674$

g) $7745 - 5419$

3 Masalani yeching:

Muzaffar 1 kun davomida necha qadam yurganini bilmoqchi bo'libdi. U uyidan maktabgacha 3100 qadam, maktabdan do'kongacha 1600 qadam va do'kondan uyigacha 1700 qadam yurgan bo'lsa, jami necha qadam yurgan?



4 Amallarni bajaring va teskari amal bilan tekshiring:

a) $45 \cdot 3$

b) $87 \cdot 2$

d) $62 \cdot 15$

e) $321 : 3$

f) $125 : 5$

g) $56 : 14$



5 Amallarni bajaring:

a) $50 \cdot 4 + 17$

b) $29 + 63 : 3$

d) $438 : 3 - 46$

e) $1000 - 630 : 9$

1 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $37 + 12 \cdot 6$

b) $200 + 4 \cdot 11$

d) $350 + 243 \cdot 3$

e) $685 + 121 \cdot 2$

f) $162 \cdot 2 + 324$

g) $440 + 134 \cdot 3$

2 Bo'sh kataklar o'rniga qanday sonlar qo'yilsa, natija to'g'ri bo'ladi?

a) $\underline{\hspace{2cm}} + 57 \cdot 4 = 328$

b) $125 + 50 \cdot \underline{\hspace{2cm}} = 425$

d) $125 \cdot \underline{\hspace{2cm}} + 250 = 500$

e) $\underline{\hspace{2cm}} + 6 \cdot 20 = 320$

3 Rasm asosida ifoda tuzing va uni yeching.



850 so'm



?, daftardan

3 marta qimmatroq

? so'm



4 Amallar tartibini to'g'ri bajarib, ifoda qiymatini toping. To'g'ri javobni strelka bilan ko'rsating.

a)

$245 + 2 \cdot 14$

3458

273

275

b)

$57 \cdot 4 + 134$

362

7866

3450

d)

$154 \cdot 2 + 3 \cdot 4$

2156

1244

320

e)

$180 + 54 \cdot 3$

342

702

594

1 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $200 - 5 \cdot 8 + 120$

b) $340 + 17 \cdot 2 - 200$

d) $150 + 40 \cdot 2 - 130$

e) $120 + 40 - 15 \cdot 4$

f) $700 - 450 + 11 \cdot 3$

g) $20 \cdot 3 + 178 - 130$

2 Hisoblang. Ifodaning qiymatini sehrli kitobdan toping.

a) $615 - 20 \cdot 9 - 200$

b) $460 - 32 \cdot 3 + 15$

d) $420 + 19 \cdot 5 + 4$

e) $8 \cdot 9 + 8 \cdot 3 - 50$

f) $750 - 230 + 12 \cdot 6$

g) $500 + 50 - 15 \cdot 6$



3 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $56 - 4 \cdot 9 + 458$

b) $591 + 5 \cdot 7 - 384$

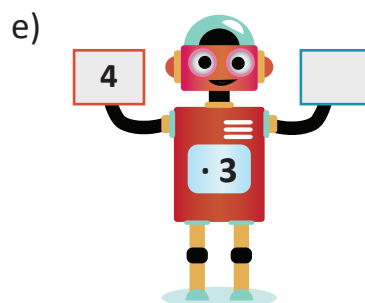
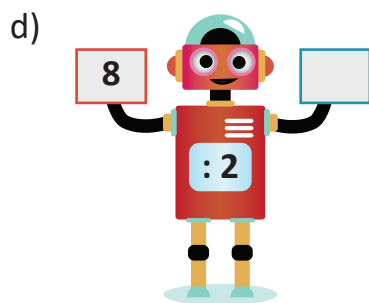
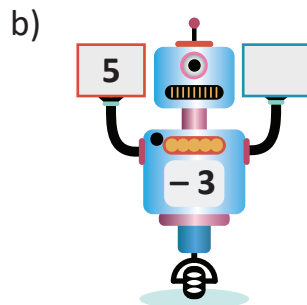
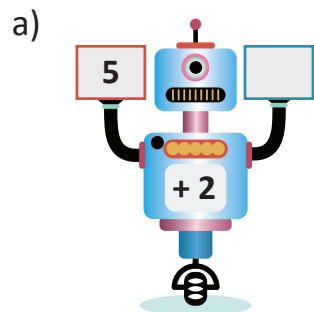
d) $355 + 6 \cdot 8 - 275$

e) $60 \cdot 5 + 3 \cdot 5 - 315$

f) $8 \cdot 9 + 437 - 208$

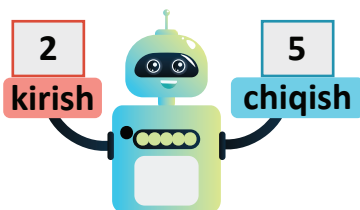
g) $60 \cdot 4 + 597 - 321$

1 Berilgan qonuniyat asosida bo'sh kataklarni to'ldiring:



2 "Kirish-chiqish" qutisi yordamida funksiya jadvalini tuzing.

qonuniyat: 3 ni qo'sh



Kirish	2				
Chiqish	5				



3 Jadvalning bo'sh kataklarini to'ldiring.

a)

+ 5	
Kirish	Chiqish
3	8
12	17
1	
7	

b)

: 9	
Kirish	Chiqish
90	10
27	3
54	
108	

d)

- 4	
Kirish	Chiqish
12	8
6	2
7	
10	

e)

: 1	
Kirish	Chiqish
4	4
2	2
5	
7	

1 Funksiya qonuniyati asosida bo'sh kataklarni to'ldiring.

a) qonuniyat: 4 ni qo'sh

Kirish	+ 4	Chiqish
2	→	6
	→	7
4	→	
	→	9

b) qonuniyat: ?

Kirish	+ ?	Chiqish
3	→	8
12	→	17
1	→	
7	→	

2 Jadval bo'yicha berilgan funksiyaning ketma-ketlik qonuniyatini aniqlang.

a)

Kirish	Chiqish
13	21
17	25
34	42
41	49

b)

Kirish	Chiqish
24	10
33	19
42	28
60	46

d)

Kirish	Chiqish
22	28
25	31
28	34
46	52



3 Funksiya jadvalini to'ldiring. Qonuniyatni aniqlang.

a)

Kirish	26	34		56
Chiqish	15	23	28	

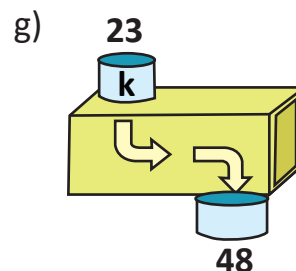
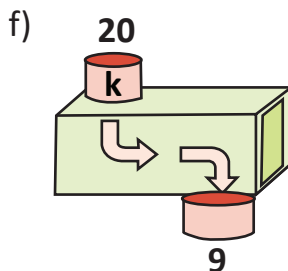
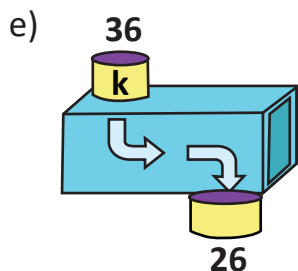
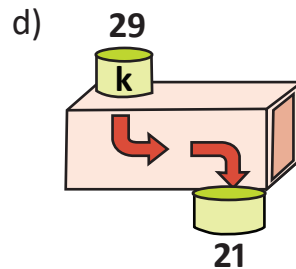
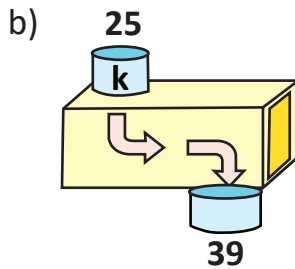
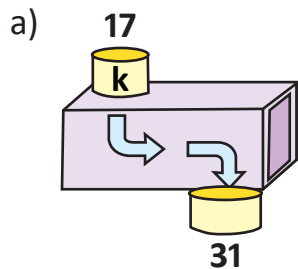
qonuniyat: ?

b)

Kirish	27	29	38	
Chiqish	35	37		57

qonuniyat: ?

1 “Kirish-chiqish” qutisi yordamida funksiya qonuniyatini aniqlang.



2 Funksiya jadvalini to'ldiring. Qonuniyatni aniqlang.

a)

Kirish	900	800	1000	
Chiqish	90	80		30

qonuniyat: ?

b)

Kirish	70	60		40
Chiqish	490	420	350	

qonuniyat: ?

d)

Kirish	120	130	140	
Chiqish	85	95		115

qonuniyat: ?

e)

Kirish	155	175	245	
Chiqish	215	235		385

qonuniyat: ?



3 Funksiya jadvalini to'ldiring va qonuniyatni aniqlang.

a)

Kirish	Chiqish
1000	500
1800	900
600	
	85

b)

Kirish	Chiqish
	180
30	90
70	210
100	

d)

Kirish	Chiqish
235	65
850	
250	80
	45

1 Masalalarni yeching.

a) Quyidagi jadvalda yangi ochilgan qahvaxonaning har kungi mijozlar soni berilgan. Agar mijozlar soni shu tartibda oshib borsa, 10-kun mijozlar soni nechaga teng bo'ladi?

Kun	Mijozlar soni
1	4
5	8
8	11
10	?

b) Davlat xizmatlari markazi xodimi o'zi har kun qabul qiladigan telefon qo'ng'iroqlari sonini jadval ko'rinishida qayd qilib bormoqda. Agar qo'ng'iroqlar soni shu tariqa oshishni davom etsa, xodim 6-kuni nechta qo'ng'iroq qabul qilishiga to'g'ri keladi?

Kun	Qo'ng'iroqlar soni
3	12
4	13
5	14
6	?

2 Masalaga mos ravishda jadvalni to'ldiring.

a) Hamid har kun jismoniy tarbiyaga ajratgan daqiqalar sonini 3 daqiqaga oshirib borishni mo'ljalladi. Agar u 1-kun 5 daqiqa, 2-kun 8 daqiqa, 3-kun 11 daqiqa mashq bajaragan bo'lsa, 5-kun necha daqiqa mashq bajaradi?

Kun	Daqiqa

b) Roziya gulzor yaratishga ahd qilibdi va birinchi kun 4 ta gul ekib, har kuni oldingi kundagidan 2 taga ko'p gul ekishni niyat qilibdi. Roziya 2-kunda nechta gul ekishi kerak? 3-kunda-chi? 5-kunda-chi?

Kun	Gullar soni



3 Masalani yeching va mos ravishda jadvalni to'ldiring.

Mansur har kun kechqurun kundalik xarajatlariga berilgan 2000 so'mdan qolganini hisoblab jadvalga yoza boshlabdi. 1- kun unda 200 so'm, 2- kun 400 so'm, 3- kun 600 so'm pul qolgan ekan. Agar shu tariqa davom etsa, 5-kun Mansurda nechta pul ortib qolgan bo'ladi?

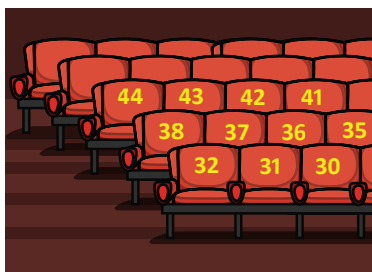
Kun	Qolgan pul
1	200
2	

1 Masalalarni yeching va mos jadvalni to'ldiring.

a) Avtobus 1-bekatdan 38 ta yo'lovchi bilan yo'lga chiqdi, agar har bir bekatda 3 ta yo'lovchi chiqib 2 ta tushsa, 4-bekatdan nechta yo'lovchi bilan jo'naydi?

Bekat	Yo'lovchi soni
1	38

b) Teatrda tomoshabinlar uchun o'rindiqlarning 1-qatorida 32 ta, 2-qatorida 38 ta, 3-qatorida 44 ta kursi mavjud bo'lib, ularning soni shu tariqa ortib borsa, 8-qatorda nechta o'rindiq bo'ladi?



Qator	O'rindiq soni
1	32
2	38
3	44

2 Masalalarni yeching va mos ravishda jadval tuzing.

- a) Ishchi 1-kun - 8 ta detal, 2-kun - 10 ta, 3-kun - 12 ta detal ishlab chiqarsa, 6-kun nechta detal ishlab chiqaradi?
- b) Muhsin 2020-yilda 4 yoshga to'ldi. Uning 2021-yildan 2025 yilgacha nechta yoshda bo'lishini jadval ko'rinishida ifodalab bering.

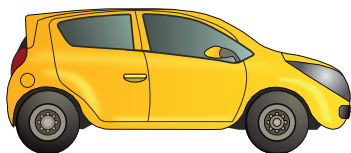


3 Masalani yeching va jadval tuzing.

Avtomobil ishlab chiqarish zavodida quyidagi reja bo'yicha avtomobil ishlab chiqarish yo'lga qo'yildi: Dushanba kuni 40 ta, seshanba kuni 60 ta, chorshanba kuni 80 ta, va hokazo mashina ishlab chiqariladi. Shanba kuni zavodda nechta avtomobil ishlab chiqariladi?

1 Masalalarni yeching va mos jadvalni to'ldiring.

- a) Spark avtomobili har 100 km masofaga 6 litr yoqilg'i ishlatadi. U 200 km masofaga necha litr yoqilg'i ishlatadi? 400 kmgachi? 500 kmgachi?



- b) Marsoxod roboti Mars yuzasida 1 km masofani 20 daqiqada bosib o'tadi. U 2 km masofani necha daqiqada bosib o'tadi? 5 km?

Km	Benzin (litr)
100	6
200	

Masofa (km)	Daqiqa
1	20
2	

2 Masalaga mos ravishda jadval tuzing.

Olimning buvisi unga haftaning 1-kuni 5000 so'm berib, haftaning har keyingi kuni oldingi kunga nisbatan 500 so'm ko'proq pul berib bordi. Olim haftaning 7-kuni buvisidan necha so'm olgan?

Kun	Pul
1	5000
2	5500
3	6000
4	6500
7	8000



3 Masalani yeching va mos ravishda jadvalni to'ldiring.

Behruz oldindan karatening 4 ta zarba qoidasini bilardi. U karatenni mukammalroq o'rganishga va yana kamida 20 ta qoida o'rganishga qaror qilib, murabbiyga boribdi. Murabbiy unga haftasiga 2 ta yangi qoidani o'rgatishini aytdi. Behruz necha haftada jami 20 ta qoidani o'rganadi?

Hafta	Qoidalar soni
1	6
2	8
3	10
?	20

1 Jadvaldagi a va b ning berilgan qiymatlari bo'yicha ifodaning qiymatini toping.

a	1360	2574	3567	4219	4509
b	2879	3871	4028	5123	5302
$a + b$					

2 Jadvaldagi d ning berilgan qiymatlari bo'yicha ifodaning qiymatini toping.

a)

d	43	180
$2 \cdot d$		

b)

d	29	307
$d + 400$		

d)

d	85	610
$1000 - d$		

e)

d	300	4050
$d - 150$		

3 Berilgan masalada sonlarni harflarga almashtirib berishibdi. Masala shartiga mos harfli ifoda tuzing va ularni daftarga yozing.

Hayvonot bog'ida kattalar chiptasi – a so'm, bolalar chiptasi esa – b so'm turadi. Otasi, onasi va uchta bolasi bor oila chipta sotib olish uchun necha so'm to'lashi kerak?



4 Jadvalda berilgan qiymatlar uchun ifodalarning qiymatini toping.

	$a + b$	$a - b$	$2 \cdot a$	$1000 - b$	
a	28	63	278	425	1050
b	8	25	120	390	650
$a + b$					
$a - b$					
$2 \cdot a$					
$1000 - b$					

O'zgaruvchilar o'rniga sonlar qo'yib ifodalarni hisoblash

- 1 Jadvaldagi a va b ning berilgan qiymatlari bo'yicha ifodaning qiymatini toping.

a	5643	6435	7367	8213
b	2467	2476	2488	1495
$a + b$				
$a - b$				

- 2 Jadvaldagi a va b ning berilgan qiymatlari bo'yicha ifodaning qiymatini toping.

a	2	1542	4	1485
b	3172	3	2156	5
$a \cdot b$				

- 3 Jadvaldagi a va b ning berilgan qiymatlari bo'yicha ifodaning qiymatini toping.

a	246	6484	7305	8488
b	2	4	5	8
$a : b$				

- 4 Berilgan masalada sonlarni harflarga almashtirib berishibdi. Masala shartiga mos harfli ifoda tuzing va ularni daftarga yozing.

Yangi bolalar istirohat bog'i ochilganidan so'ng, unga, 1-kun a ta odam tashrif buyurdi, 2-kun esa 1-kundagidan b ga ko'p odam tashrif buyurdi. Shu ikki kun ichida bog'ga jami nechta odam tashrif buyurgan?



- 5 Jadvaldagi a va b ning berilgan qiymatlari bo'yicha ifodalarning qiymatini toping.

a	154	165	256	1053	2456
b	7	11	16	9	4
$a \cdot b$					
$a : b$					

1 Ketma-ketlikda berilgan qonuniyatni aniqlang va bo'sh kataklarni to'ldiring.

a)

10	11	10	11				
----	----	----	----	--	--	--	--

b)

15	18			15			18
----	----	--	--	----	--	--	----

d)

12	12				12		
----	----	--	--	--	----	--	--

e)

	17	14			14	20	17
--	----	----	--	--	----	----	----

f)

			13	16	13	16	
--	--	--	----	----	----	----	--

g)

18	11	12					18
----	----	----	--	--	--	--	----

2 Ketma-ketlik qonuniyati asosida jadvalni to'ldiring.

a) qonuniyat:
 $b = 5 + a$

a	7	6	5	4
b				

b) qonuniyat:
 $b = a + 8$

a	1	2	3	4
b				


d) qonuniyat:
 $b = 2 \cdot a + 1$

a	1	2	3	4
b				

3 Ketma-ketlikda berilgan qonuniyatni aniqlang va davom ettiring.


a)

5	10	15	20	25			
---	----	----	----	----	--	--	--




b)

63	60	57	54	51			
----	----	----	----	----	--	--	--




d)

16	20	24	28	32			
----	----	----	----	----	--	--	--



e)

24	26	28	30	32			
----	----	----	----	----	--	--	--





4 Ketma-ketlik qonuniyatini aniqlang va bo'sh kataklarni to'ldiring.

a)

80		60	50			20	
----	--	----	----	--	--	----	--

b)

25	30			45			60
----	----	--	--	----	--	--	----

d)

	35	45			75		95
--	----	----	--	--	----	--	----

e)

60		70	75			90	
----	--	----	----	--	--	----	--

f)

51			54		56		58
----	--	--	----	--	----	--	----

g)

95		85			70	65	
----	--	----	--	--	----	----	--

1 Ketma-ketlikni davom ettiring.

a) R P P R P P ____

b) Q Z Y Q Z Y ____

d) S D S D S D ____

e) M M N N M ____ ____

f) H H K H H ____ ____

g) L L K K L ____ ____

2 Qatorlarda berilgan sonlar ichidan ketma-ketlik qonuniyatini aniqlang va tegishli belgilang.

a	86	87	9	12	15	18	21	24	45	46
b	16	18	20	24	65	60	55	50	45	40
d	36	38	40	42	44	46	48	50	52	54
e	5	10	48	46	44	42	40	38	20	40
f	45	50	60	30	35	40	45	50	55	95
g	10	20	30	5	6	7	8	9	10	12
h	60	65	70	75	80	85	30	20	10	0
i	45	50	12	14	16	18	20	22	80	90
j	4	25	31	37	43	49	55	10	20	30
k	86	82	78	74	70	66	2	4	6	8

Qonuniyat:

5 dan 10 gacha 1 ni qo'sh ____

30 dan 55 gacha 5 ni qo'sh ____

9 dan 24 gacha 3 ni qo'sh ____

65 dan 40 gacha 5 ni ayir ____

60 dan 85 gacha 5 ni qo'sh ____

48 dan 38 gacha 2 ni ayir ____

86 dan 66 gacha 4 ni ayir ____

12 dan 22 gacha 2 ni qo'sh ____

25 dan 55 gacha 6 ni qo'sh ____

36 dan 54 gacha 2 ni qo'sh ____



3 Berilgan ketma-ketliklar qonuniyatini aniqlang.

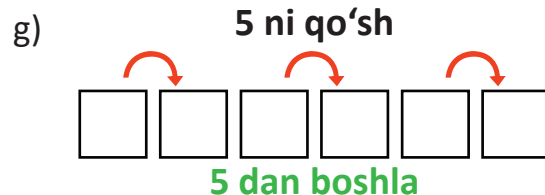
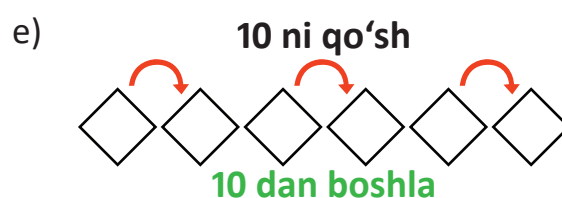
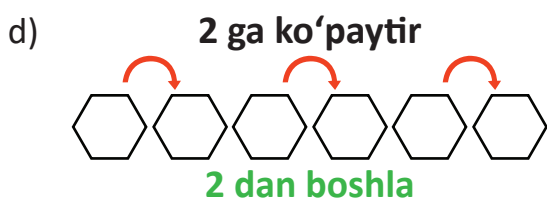
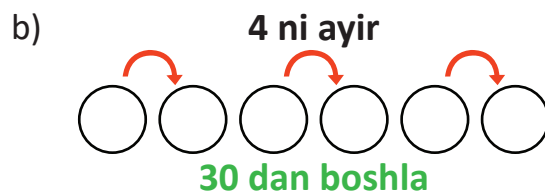
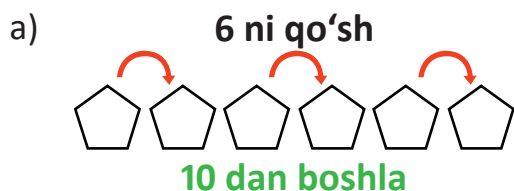
a) 5, 10, 15, 20, 25, 30, 35, 40

b) 44, 40, 36, 32, 28, 24, 20, 16

d) 100, 90, 80, 70, 60, 50, 40, 30

e) 47, 51, 55, 59, 63, 67, 71, 75

1 Berilgan qonuniyat asosida ketma-ketlik tuzing.



2 Amina urug' ekib, uning unib chiqishini kuzata boshlabdi. Bir haftada 1 ta bargli nihol unib chiqibdi. Keyingi haftada niholning barglari soni 2 ta bo'libdi. 3-haftada - 4 ta. 4-haftada - 8 ta. Barglar sonidagi ketma-ketlik qonuniyatini aniqlab, 7-haftada Aminaning gulida nechta barg bo'lishini toping.



3 Berilgan qonuniyatga asoslanib, berilgan sondan boshlanadigan ketma-ketlik tuzing.

a) **12 ni qo'sh**
20, __, __, __, __, __

b) **10 ni qo'sh**
10, __, __, __, __, __

d) **3 ga ko'paytir**
10, __, __, __, __, __

e) **25 ni qo'sh**
35, __, __, __, __, __

f) **15 ni qo'sh**
45, __, __, __, __, __

g) **8 ni ayir**
72, __, __, __, __, __

1 Amallarni bajaring.

a) $2 \cdot 3 + 10 + 78$

b) $3 \cdot 1 \cdot 5 - 10 + 55$

d) $300 + 5 \cdot 2 \cdot 6$

e) $195 + 5 \cdot 4 + 123$

2 Quyidagi "kirish-chiqish" jadvalini to'ldiring.

a) qoida: 9 ni qo'sh

Kirish	2	5	8	6
Chiqish				

b) qoida: 10 ni qo'sh

Kirish	1	2	3	4
Chiqish				

d) qoida: 4 ga ko'paytir

Kirish	2	4	6	8
Chiqish				

e) qoida: 5 ni ayir

Kirish	5	6	7	8
Chiqish				

f) qoida: 5 ga ko'paytir

Kirish	6	7	8	9
Chiqish				

g) qoida: 8 ga ko'paytir

Kirish	0	1	2	3
Chiqish				

3 Masalani yeching.

Dehqon 1-kuni ekin maydonidan 220 kg, 2-kuni 250 kg, 3-kuni 280 kg bug'doy hosili oldi. Agar u shu qonuniyat bo'yicha hosilni yig'sa, 5-kuni qancha bug'doy yig'ishtirib oladi?

4 Ketma-ketlikdagi qonuniyatni aniqlang va tushirib qoldirilgan sonni yozing.

a) 120, 60, ____, 15.

b) 5, ____, 45, 135.

d) 75, 63, ____, 39.



5 Ketma-ketlik qonuni asosida jadvalni to'ldiring.

a) qonuniyat: $y = x + 10$

b) qonuniyat: $y = 3 \cdot x$

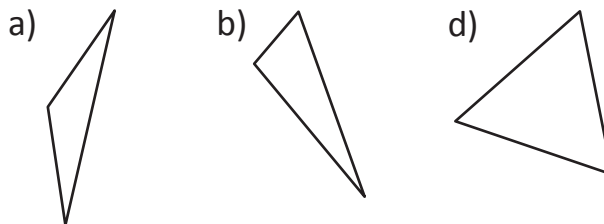
d) qonuniyat: $y = 3 \cdot x - 1$

x	1	5	8	14	20
y					

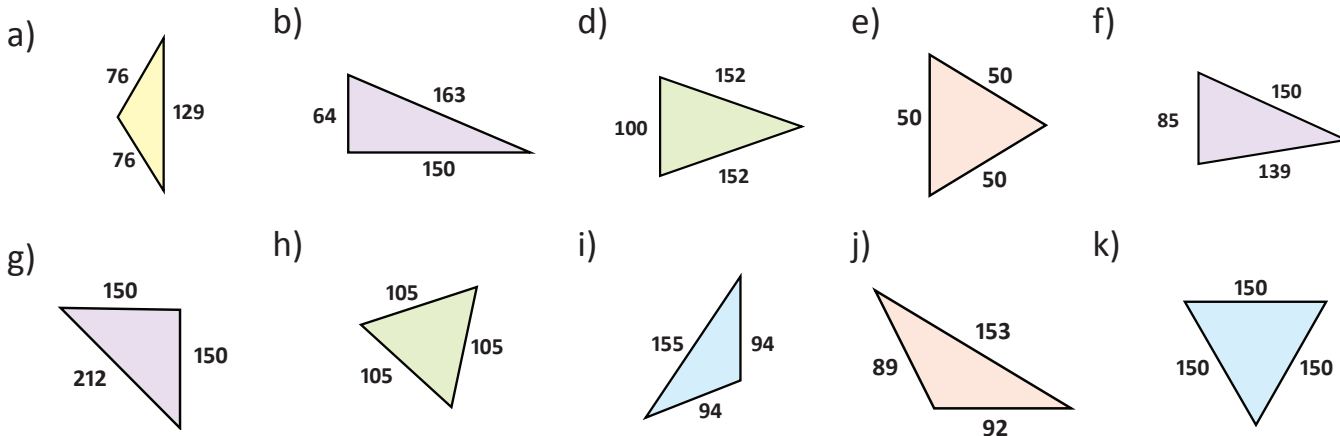
x	0	1	2	3	4
y					

x	1	2	3	4	5
y					

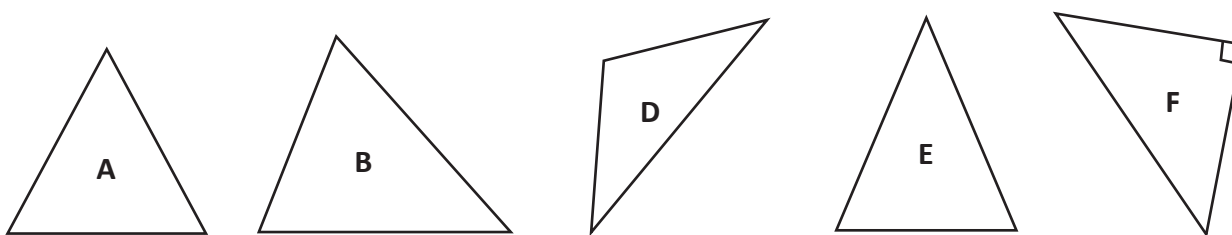
- 1 Uchburchaklarning tomonlariga ko'ra turini aniqlang.



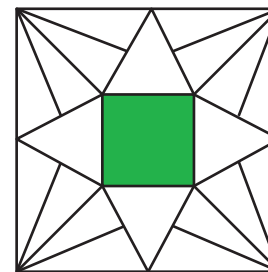
- 2 Uchburchaklarning tomonlariga ko'ra turini aniqlang va ularni turiga ko'ra guruhlang.



- 3 Berilgan uchburchaklar tomonlarini o'lchab, teng tomonlarni belgilang. Ulardan qaysilari teng yonli uchburchak hisoblanadi?



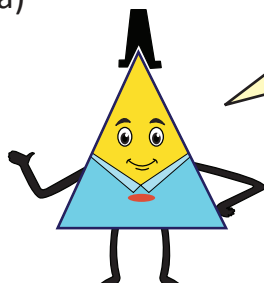
- 4 Berilgan shakldagi teng tomonli uchburchaklarni qizil rangga, teng yonli uchburchaklarni sariq rangga, turli tomonli uchburchaklarni esa ko'k rangga bo'yab chiqing.



Uchburchaklarning tomonlariga ko'ra turlarini chizish

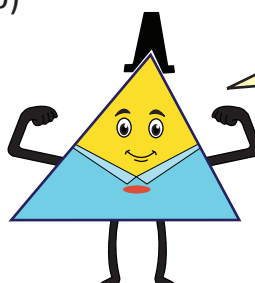
1 Quyida berilgan savollarni o'qing. Uchburchakning turini aniqlang va uni chizing.

a)



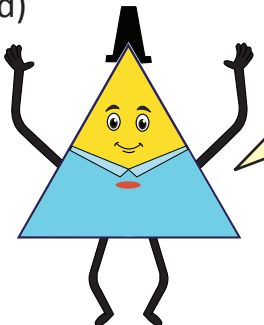
Mening
ikki tomonim
teng. Men qanday
uchburchakman?

b)



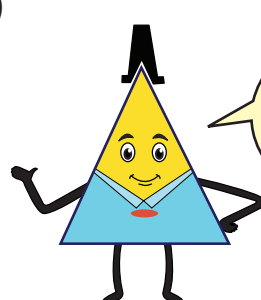
Mening
uchta tomonim
va uchta burchagim
turli xil. Men qanday
uchburchakman?

d)



Mening uchta
tomonim ham,
uchta burchagim ham
teng. Men qanday
uchburchakman?

e)



Mening
faqat ikkita
burchagim teng.
Men qanday
uchburchakman?

2 Quyidagi tomonlari uzunliklari berilgan uchburchaklarni yasash mumkinmi? Agar mumkin bo'lsa, shu uchburchakni chizing, agar mumkin bo'lmasa, negaligini tushuntiring.

a) 6 cm, 2 cm, 2 cm

b) 4 cm, 4 cm, 7 cm

d) 6 cm, 10 cm, 4 cm

3 Tomonlarining uzunliklari berilgan uchburchaklarni chizishga harakat qiling va ularning turini aniqlab, chizma yoniga yozing.

a) 5 cm, 5 cm, 3 cm

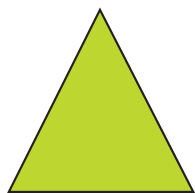
b) 4 cm, 4 cm, 5 cm

d) 6 cm, 6 cm, 6 cm



4 2 ta teng yonli, 2 ta teng tomonli va 2 ta turli tomonli – jami 6 ta uchburchak chizing.

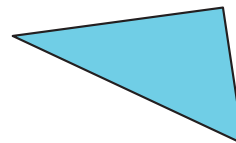
1 Quyida berilgan uchburchaklarda nechta simmetriya o'qi mavjud?



Teng tomonli uchburchakda
___ simmetriya o'qi bor.



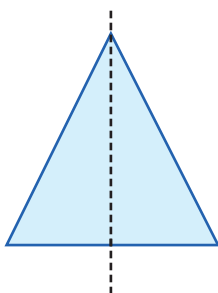
Teng yonli uchburchakda
___ simmetriya o'qi bor.



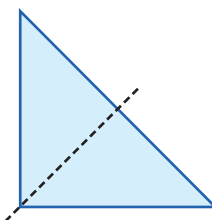
Turli tomonli uchburchakda
___ simmetriya o'qi bor.

2 Berilgan shakllardan qaysi birida simmetriya o'qi to'g'ri chizilganini aniqlang va ularni aylana bilan belgilang.

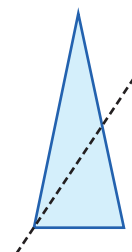
a)



b)

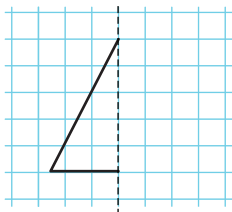


d)

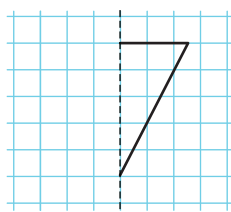


3 Simmetriya o'qi haqidagi bilimlaringizni qo'llagan holda quyida berilgan uchburchaklarning ikkinchi yarmini davom ettiring.

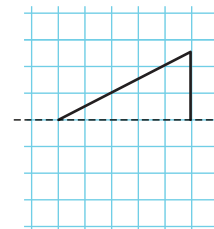
a)



b)



d)

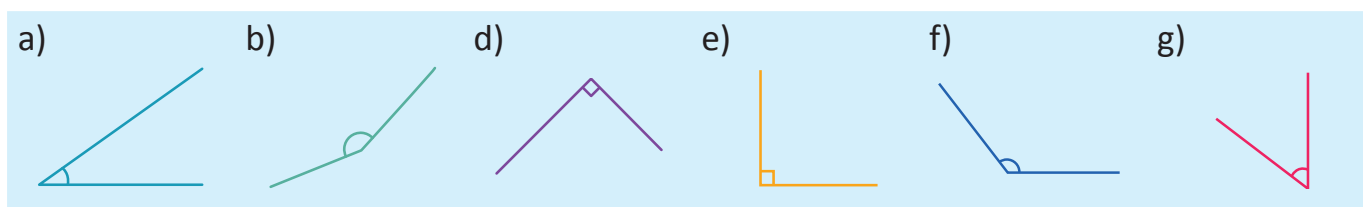


4 Tomonining uzunligi 6 cm bo'lgan teng tomonli uchburchak chizing. Uning simmetriya o'qlarini topib, ularni chizing.

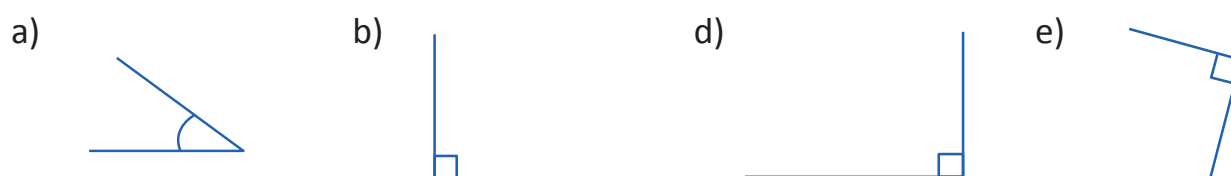
To'g'ri burchak yordamida burchaklarning turini aniqlash

1 Berilgan burchaklarni turlari bo'yicha ajrating.

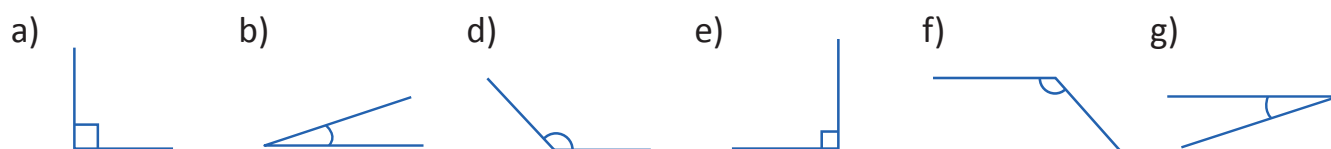
To'g'ri burchakdan kichik (o'tkir burchak)	To'g'ri burchak	To'g'ri burchakdan katta (o'tmas burchak)
---	-----------------	--



2 Qaysi burchak ortiqcha? Javobingizni izohlang.



3 Berilgan burchaklar orasidan barcha o'tmas burchaklarni toping. Javobingizni izohlang.



4 * belgisi o'rniga ">" va "<" belgilarini shunday qo'yingki, to'g'ri tengsizlik hosil bo'lsin.

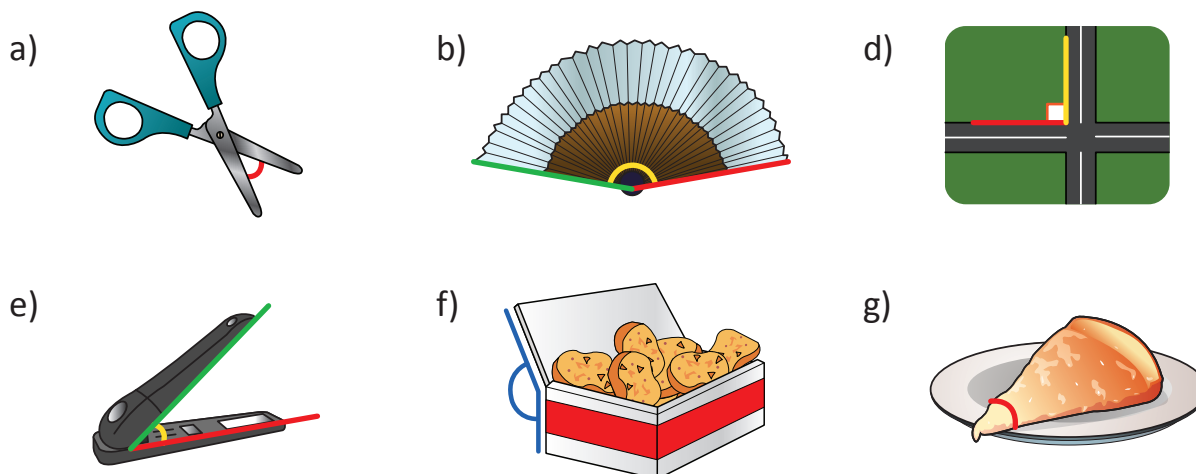
a) O'tmas burchak	*	To'g'ri burchak
b) O'tkir burchak	*	To'g'ri burchak

5 Uyingizdagi jihozlarda uchraydigan turli xil burchaklarni topib, ularni daftaringizga chizing.

1 Berilgan burchaklarning turini "o'lchash" qog'ozidan foydalanib aniqlang.

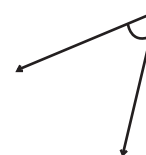


2 Hayotiy predmet va obyektlardagi burchaklarning turini "o'lchash" qog'ozidan foydalanib aniqlang.

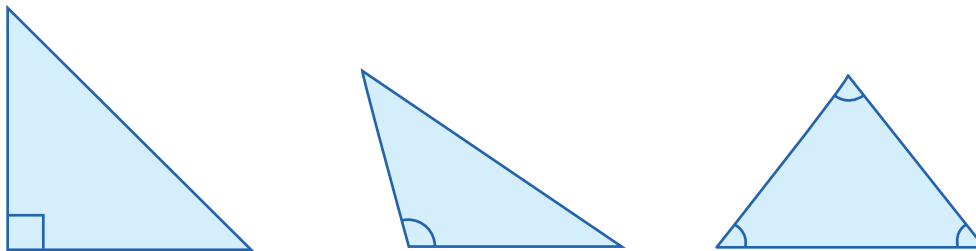


3 To'g'ri javobni aylana bilan belgilang.

O'tkir burchak to'g'ri burchakdan ...	O'tmas burchak to'g'ri burchakdan ...	Rasmda berilgan burchak qanday burchak?
a) katta	a) katta	a) To'g'ri
b) kichik	b) kichik	b) O'tmas
d) teng	d) teng	d) O'tkir

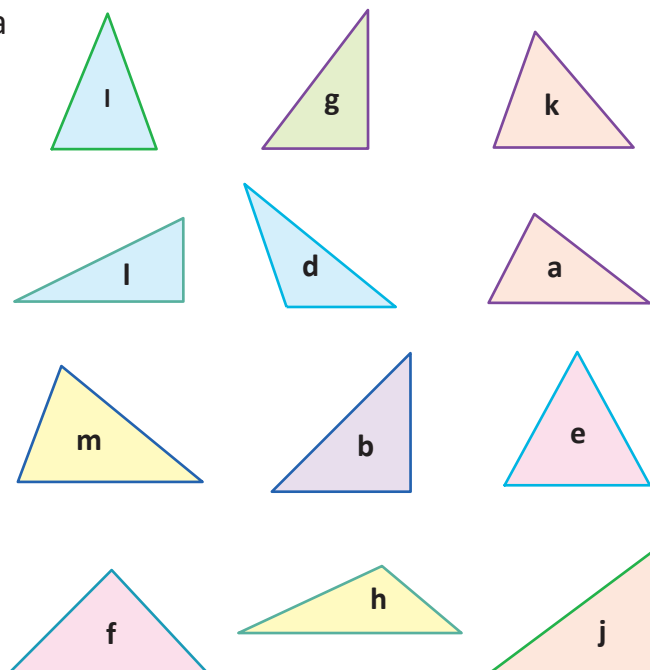


1 Uchburchaklarni burchaklariga ko'ra turlarga ajrating va ularni farqlang.

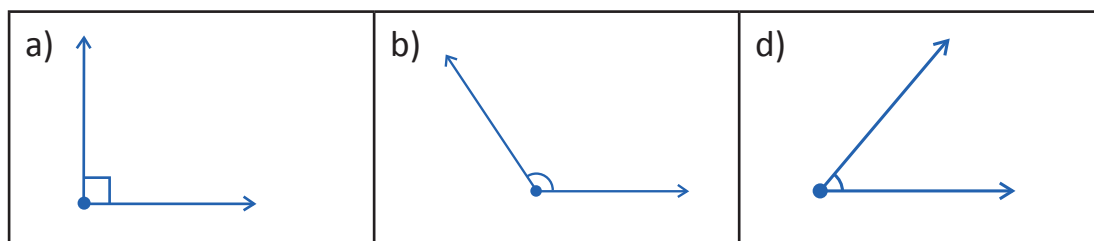


2 Quyida uchburchaklarning burchaklariga ko'ra nechta turi berilgan? Ularni guruhlarga ajrating.

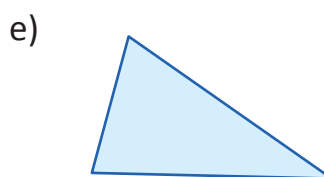
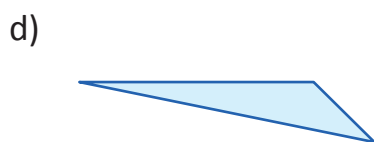
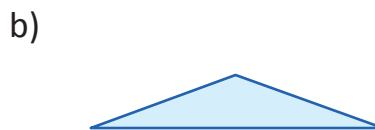
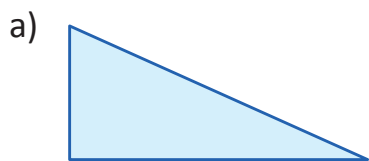
- a) To'g'ri burchakli uchburchaklar
- b) O'tmas burchakli uchburchaklar
- d) O'tkir burchakli uchburchaklar



3 Berilgan burchaklardan foydalanib, uchburchaklar chizing. Hosil bo'lgan uchburchaklar burchaklariga ko'ra qanday uchburchaklar hisoblanadi?



- 1 Uchburchaklarni daftaringizga chizing va "o'lchash" qog'ozidan foydalanib ularni burchaklariga ko'ra turlarga ajrating.



- 2 "O'lchash" qog'ozidan foydalanib berilgan shartlarni qanoatlantiruvchi uchburchaklar chizing.

- a) Bitta burchagi o'tmas bo'lgan uchburchak
- b) Bitta burchagi to'g'ri bo'lgan uchburchak

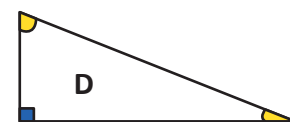
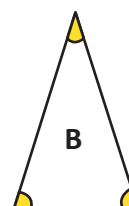


- 3 Daftaringizga to'g'ri burchakli, o'tkir burchakli va o'tmas burchakli uchburchaklar chizing. Ularning burchaklariga ko'ra nomlarini yozing.

Uchburchaklarning burchaklariga ko'ra turlari

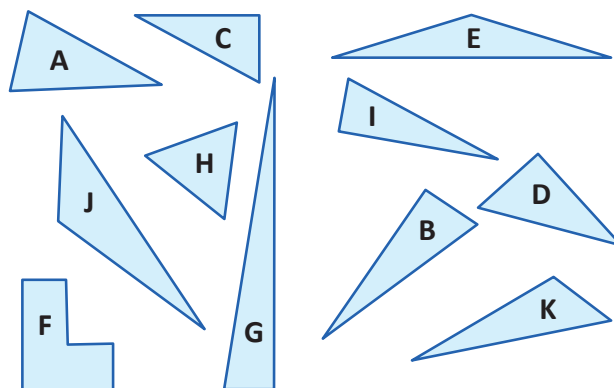
1 Uchburchakni burchaklariga ko'ra turlarga ajrating va nomlarini yozing.

- a) Agar uchburchakning hamma burchaklari o'tkir bo'lsa, u _____ deyiladi.
- b) Agar uchburchakning bitta burchagi to'g'ri bo'lsa, u _____ deyiladi.
- d) Agar uchburchakning bitta burchagi o'tmas bo'lsa, u _____ deyiladi.




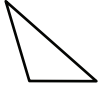
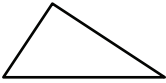
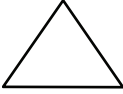
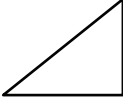
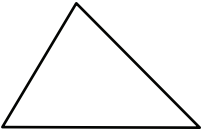
2 Teng yonli o'tmas burchakli va teng yonli o'tkir burchakli uchburchaklarga misollar chizing.

3 Ushbu geometrik shakllar ichidan bitta burchagi to'g'ri bo'lgan uchburchaklarni aniqlang. Ularni daftaringizga yozing va burchaklariga ko'ra nomlang.



4 Tomonlari uzunligi 5 cm bo'lgan teng tomonli uchburchak bilan yon tomoni 3 cm, asosi 5 cm bo'lgan teng yonli uchburchak chizing. Bu ikki uchburchakni burchaklariga ko'ra farqlang va tasniflang.

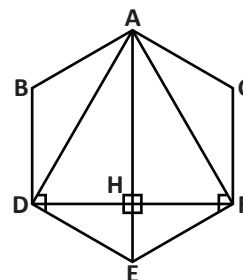
1 Uchburchaklarning belgisiga ko'ra turini yozing va unga mos shaklni belgilang.

Uchburchaklar	Turlari	Shakli
a) hamma burchaklari o'tkir		
b) bitta burchagi to'g'ri		
d) uchala tomoni o'zaro teng		
e) bitta burchagi o'tmas		
f) ikki yon tomoni o'zaro teng		
g) uchala tomoni ham turli		

2 Perimetri 18 cm bo'lgan teng tomonli uchburchak chizing. Shu uchburchak burchaklariga ko'ra qanday uchburchak turiga kirishini ayting va tomonlarining uzunliklarini aniqlang.

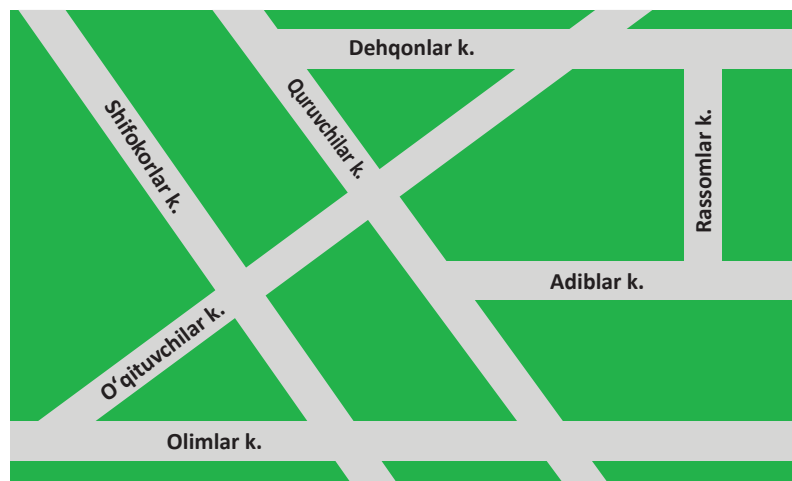


3 Berilgan shaklda nechta uchburchak bor? Ularni burchaklariga ko'ra farqlang va har bir turga tegishli uchburchaklar sonini toping.



Parallel va perpendikular to'g'ri chiziqlar

- 1 Ushbu xaritada parallel va perpendikular ko'chalarni toping.

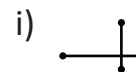
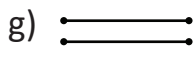
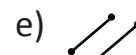
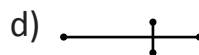
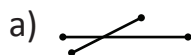


- 2 Atrofigizdan parallel va perpendikular chiziq'larga misollar keltiring.

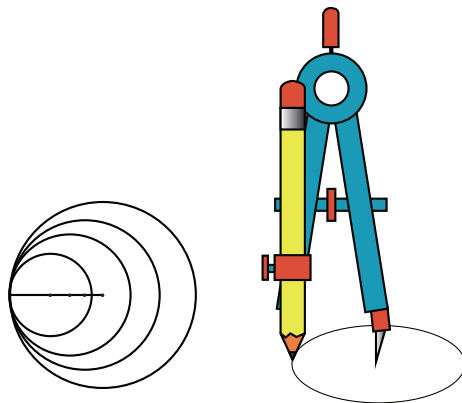
- 3 Ham parallel, ham kesishgan, ham perpendikulyar to'g'ri chiziqlari bor to'rtburchak chizing.



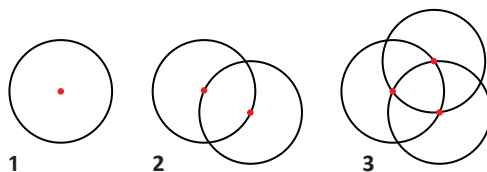
- 4 Ushbu to'g'ri chiziq'larga ta'rif bering va nomlarini yozing.



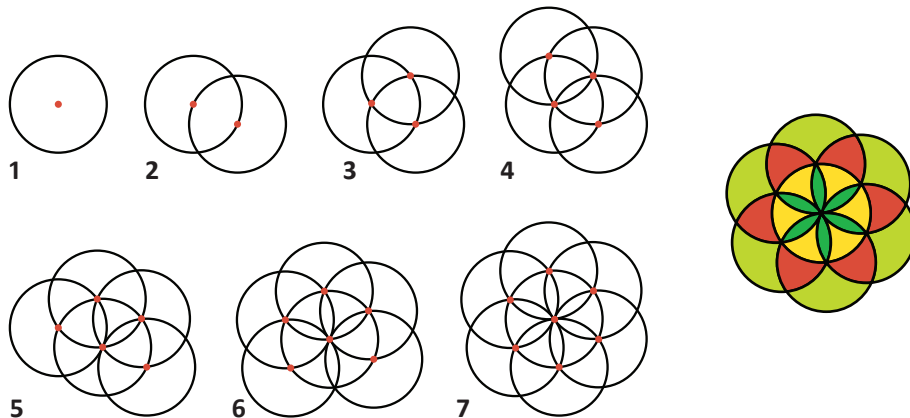
- 1 Sirkul yordamida 4 xil o'lchamdagi-kichik, o'rtacha va katta aylanalarni bir birining ichiga chizing (O'ng tarafda berilgan chizmaga o'xshash chizma hosil qiling).



- 2 O'ng tarafda ko'rsatilgan qadamlarga qarab, bir xil o'lchamdagi bir-biri bilan kesishuvchi 3 ta aylani sirkul yordamida chizing va ularni bo'yang.

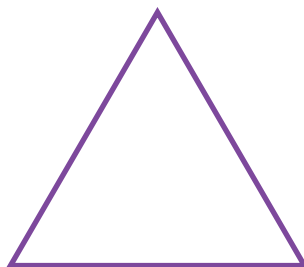


- 3 Quyidagi qadamlarga rioya qilib ko'rsatilgan shaklni sirkul yordamida chizing va uni namunada ko'rsatilgani kabi bo'yang.

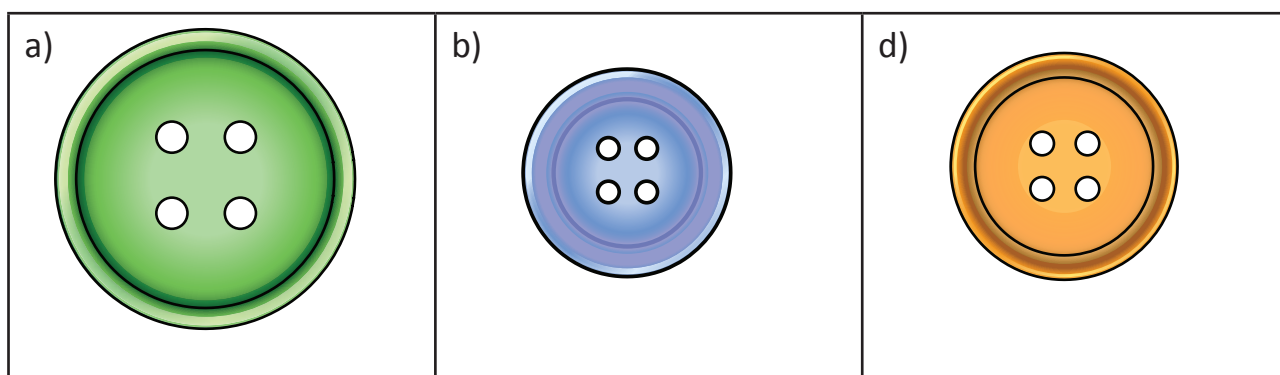


Sirkul yordamida berilgan o'lchamdagi radiusli aylanalar chizish

- 1 Tomoni 4 cm ga teng bo'lgan teng tomonli uchburchak chizing. Markazi uchburchakning uchlarida va har birining radiusi 4 cm bo'lgan 3 ta aylanani sirkul yordamida chizing.



- 2 Quyidagi aylana shaklidagi tugmalarning radiusini sirkul va chizg'ich yordamida aniqlang.



- 3 Sirkuldan foydalangan holda 1 cm, 3 cm, 6 cm radiusli aylanalardan qorbobo shaklini chizing.



- 4 Sirkul yordamida daftaringizda berilgan o'lchamli radiusli aylanalarni chizing.

a) 2 cm

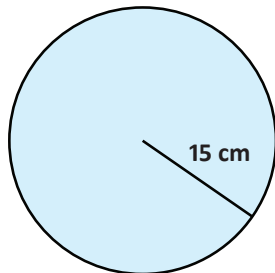
b) 4 cm

d) 5 cm

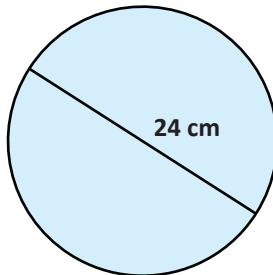
e) 7 cm

1 Ushbu aylanalarning radiusi va diametri nimaga teng?

a)



b)



2 Bo'sh joylarga tegishli javobni yozing.

a) Diametri 10 cm bo'lgan aylana chizing.

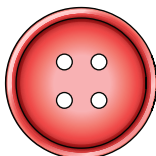
b) Radiusi 3 cm bo'lgan aylana chizing.

Aylana radiusi nimaga teng?

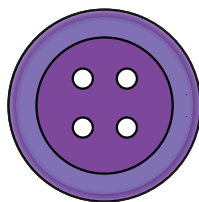
Aylana diametri nimaga teng?

3 Rasmda berilgan predmetlarning diametrini toping.

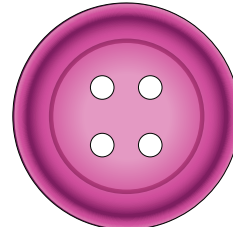
a)



b)



d)

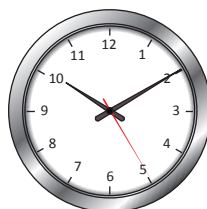
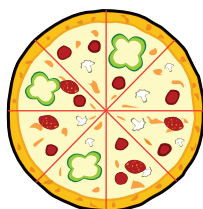


4 Masalalarni yeching.

a) Pitsaning diametri 40 cm bo'lsa, uning radiusi necha cm bo'ladi?

b) Soatning radiusi 15 cm bo'lsa, uning diametri necha cm bo'ladi?

d) 500 so'mlik tanganing diametri 24 mm bo'lsa, uning radiusi necha mm bo'ladi?



Bo'lim bo'yicha o'tilgan mavzularni takrorlash

- 1 Quyidagi tomonlarining o'lchamlari berilgan uchburchakni yasash/chizish mumkinmi? Agar mumkin bo'lsa, shu uchburchakni chizing, agar mumkin bo'lmasa negaligini tushuntiring.

a) 7 cm, 3 cm, 3 cm

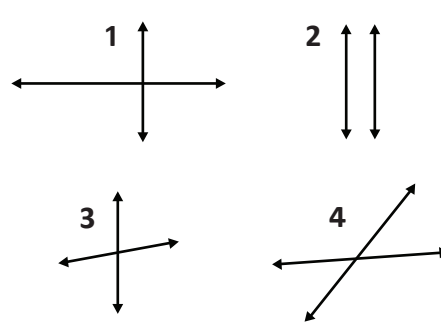
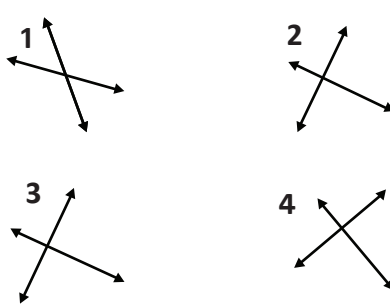
b) 8 cm, 6 cm, 6 cm

d) 5 cm, 8 cm, 3 cm

- 2 Quyida berilgan savollarga javob bering. Uchburchakning turini yozing va uni chizing.

a) Mening uchta burchagim o'tkir. Men qanday uchburchakman? ?	b) Mening ikkita burchagim o'tkir, bitta burchagim o'tmas. Men qanday uchburchakman? ?
d) Mening ikkita burchagim o'tkir, bitta burchagim to'g'ri. Men qanday uchburchakman? ?	e) Mening faqat ikkita burchagim to'g'ri. Men qanday uchburchakman? ?

- 3 Quyida berilgan savollarga javob bering va to'g'ri javobni belgilang.

a) Qaysi rasmda parallel to'g'ri chiziqlar ko'rsatilgan? 	b) Qaysi rasmda perpendikulyar bo'lmagan to'g'ri chiziqlar ko'rsatilgan? 
---	--



- 4 Quyida berilgan o'lchamdagi radius va diametrli aylanalarni chizing.

a) Radius = 4 cm

b) Diametr = 7 cm

- 1 Rim raqamlarining son qiymatini toping.

X		IV	
XX		VIII	
XXX		IX	
XL		XVII	
L		XXV	
LX		LIV	
LXX		XLVI	
LXXX		XXXII	
XC		XCIII	
C		LXXV	

- 2 Rim raqamlarini ularning son qiymati bilan moslashtiring.

VII	12
IX	7
XI	15
XVI	9
XII	11
XIX	16
XV	19
V	5



- 3 Rim raqamlarining son qiymatini toping.

- a) XVII b) XXI d) XII
 e) XXXVI f) III g) XXV
 h) XLI i) LIII j) CLXI

1 Berilgan sonlarni rim raqamlarida ifodalang.

a) 76	
b) 92	
d) 131	
e) 489	
f) 825	
g) 973	

2 Hisoblang va natijani rim raqamlari ko'inishida ifodalang.

a) $25 - 13$

b) $220 - 170$

d) $45 + 30 \cdot 4$

e) $800 + 700$

f) $34 + 30$

g) $25 \cdot 20 + 500$



3 Berilgan sonlarni rim raqamlarida ifodalang.

a) 74

b) 48

d) 271

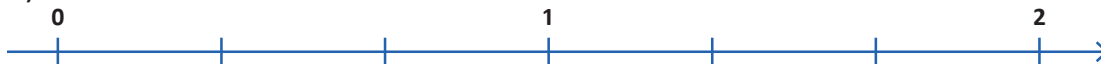
e) 156

f) 743

g) 985

- 1 Son o'qining bo'linish nuqtalariga mos kasrlarni yozing va ularni to'g'ri va noto'g'ri kasrlarga ajrating.

a)



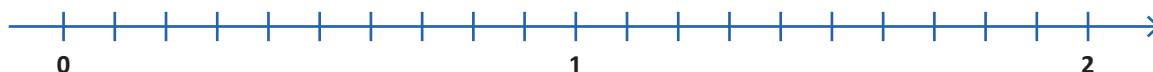
b)



- 2 Son o'qida belgilangan nuqtalar qanday kasrlarni ifodalashini yozing va ularni to'g'ri va noto'g'ri kasrlarga ajrating.



- 3 Son o'qining bo'linish nuqtalariga mos kasrlarni yozing va ularni to'g'ri va noto'g'ri kasrlarga ajrating.



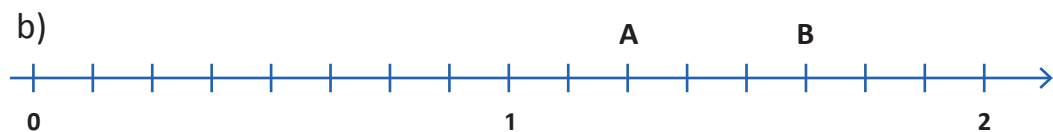
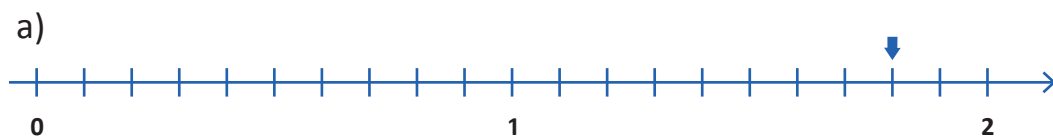
- 4 Son o'qida belgilangan nuqtalar qanday kasrlarni ifodalashini yozing va ularni to'g'ri va noto'g'ri kasrlarga ajrating.



1 Son o'qida belgilangan nuqtalarni noto'g'ri kasr va aralash son ko'rinishida ifodalang.



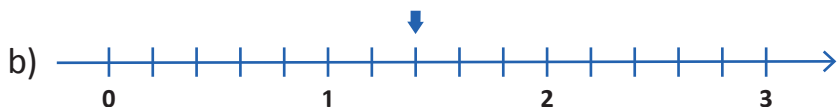
2 Son o'qida belgilangan nuqtalarni noto'g'ri kasr va aralash son ko'rinishida ifodalang.



1 Son o'qidan foydalanib, noto'g'ri kasrni aralash son ko'rinishida yozing.



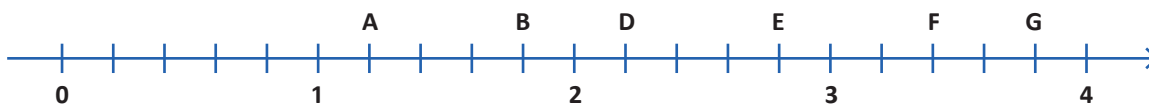
2 Son o'qida berilgan nuqtaga mos keluvchi noto'g'ri kasr va aralash sonni yozing.



3 Son o'qining har bir bo'linish nuqtasiga mos keluvchi noto'g'ri kasr va aralash sonni yozing.



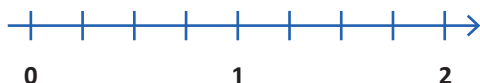
4 Har bir nuqtani aralash son va noto'g'ri kasr ko'rinishida ifodalang.



Bir xil maxrajli kasrlar va aralash sonlarni son o'qida belgilash va taqqoslash

- 1** Berilgan kasrlar va aralash sonlarni son o'qida belgilang va o'sish tartibida joylashtiring.

a) $\frac{3}{4}; \frac{6}{4}; 1\frac{1}{4}; 1\frac{3}{4}$



b) $1\frac{3}{5}; \frac{9}{5}; \frac{12}{5}; 2\frac{1}{5}$

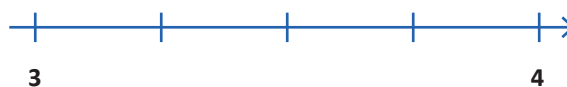


- 2** Berilgan noto'g'ri kasrlar va aralash sonlarni son o'qida joylashtiring. Ularni taqqoslash uchun $>$; $<$; $=$ belgilaridan foydalaning.

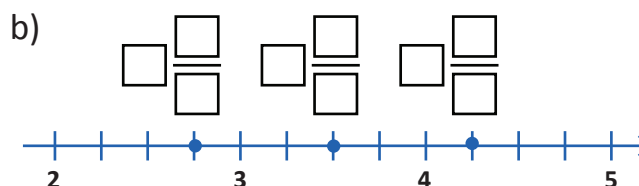
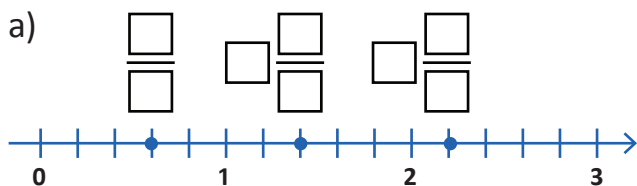
a) $\frac{10}{3} \text{ — } 2\frac{1}{3}$



b) $\frac{14}{4} \text{ — } 3\frac{3}{4}$

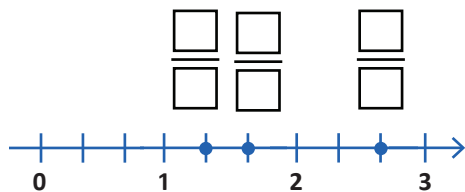


- 3** Son o'qidagi belgilangan bo'sh joylarga mos kasrlar va aralash sonlarni yozing.

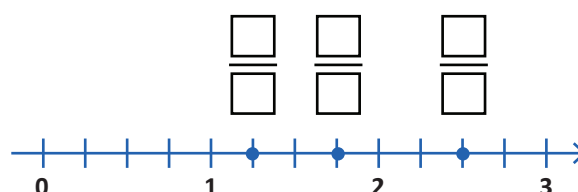


- 4** Berilgan noto'g'ri kasrlarni son o'qidagi tegishli bo'sh kataklarga yozing.

a) $\frac{8}{3}; \frac{5}{3}; \frac{4}{3}$



b) $\frac{7}{4}; \frac{5}{4}; \frac{10}{4}$



To'g'ri va noto'g'ri kasrlarni doira bo'laklari yordamida ta'rifini berish va aniqlash



1 Doira bo'laklaridan foydalanib, berilgan to'g'ri kasrlarni hosil qiling va ularni daftaringizga chizing.

a) $\frac{3}{4}$

b) $\frac{2}{6}$

d) $\frac{2}{3}$

2 Doira bo'laklaridan foydalanib, berilgan noto'g'ri kasrlarni hosil qiling va ularni daftaringizga chizing.

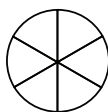
a) $\frac{7}{4}$

b) $\frac{5}{3}$

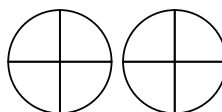
d) $\frac{9}{6}$

3 Doiraning berilgan kasrga mos qismini bo'yang.

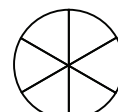
a) $\frac{4}{6}$



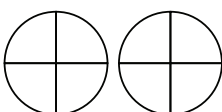
b) $\frac{5}{4}$



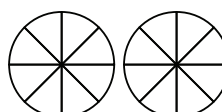
d) $\frac{5}{6}$



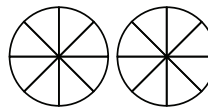
e) $\frac{7}{4}$



f) $\frac{10}{8}$



g) $\frac{13}{8}$



4 Doiralarni berilgan kasrga mos ravishda qismlarga bo'ling va bo'yang.

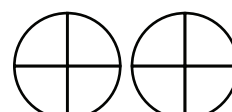
a) $\frac{2}{3}$



b) $\frac{4}{3}$



d) $\frac{6}{4}$



Doira bo'laklari yordamida aralash sonlarni ifodalash



- 1 Doira bo'laklari yordamida noto'g'ri kasrlarni hosil qiling va ularni daftaringizga chizing.

a) $\frac{6}{4}$

b) $\frac{8}{6}$

- 2 Doira bo'laklari yordamida aralash sonlarni hosil qiling va ularni daftaringizga chizing.

a) $1\frac{2}{3}$

b) $1\frac{2}{6}$

d) $1\frac{1}{4}$

e) $1\frac{3}{4}$

- 3 Bo'yalgan doira bo'laklariga mos noto'g'ri kasr va aralash sonlarni yozing.

	Doira bo'laklari modeli	Noto'g'ri kasr	Aralash son
a)			
b)			
d)			
e)			

Doira bo'laklari yordamida kasrlar va aralash sonlarni tasvirlash

- 1 Berilgan noto'g'ri kasrlarni aralash son ko'rinishida ifodalang hamda doira bo'laklarida va son o'qida tasvirlang.

a) $\frac{12}{4}$



b) $\frac{7}{4}$



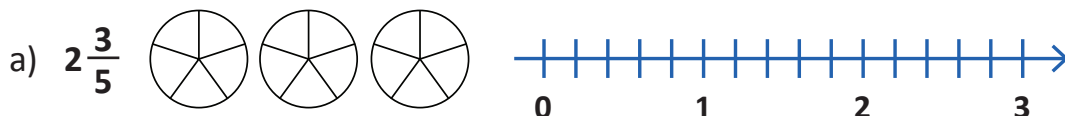
d) $\frac{11}{4}$



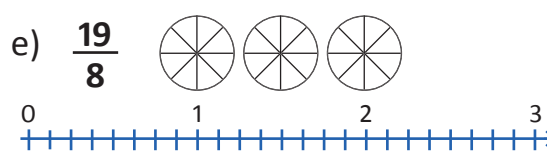
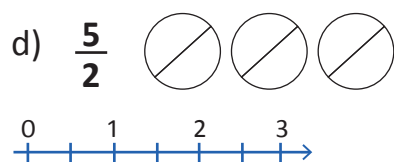
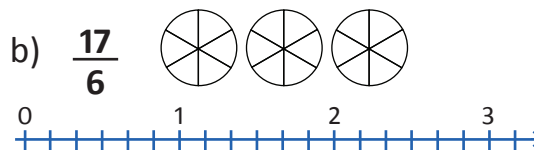
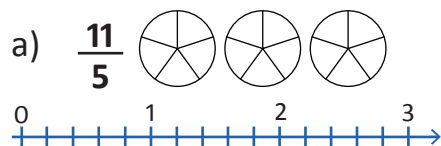
e) $\frac{9}{4}$



- 2 Berilgan aralash sonlarni noto'g'ri kasr ko'rinishida ifodalang, doira bo'laklari yordamida tasvirlang va son o'qida belgilang.



- 3 Berilgan noto'g'ri kasrlarni aralash son ko'rinishida ifodalang hamda doira bo'laklarida va son o'qida tasvirlang.



Bo'lim bo'yicha o'tilgan mavzularni takrorlash

1 Rim raqamlari bilan berilgan sonni oddiy ko'rinishda yozing.

- a) **XCIV**
b) **XXII**
d) **LXXXVIII**

2 Oddiy ko'rinishda berilgan sonni rim raqamlari yordamida yozing.

- a) **99**
b) **101**
d) **69**

3 Berilgan kasrlar va aralash sonlarni son o'qida belgilang va o'sish tartibida joylashtiring.

a) $\frac{2}{6}; 1\frac{1}{6}; 1\frac{4}{6}; \frac{9}{6}$



b) $1\frac{2}{5}; \frac{3}{5}; 1\frac{4}{5}; \frac{6}{5}$

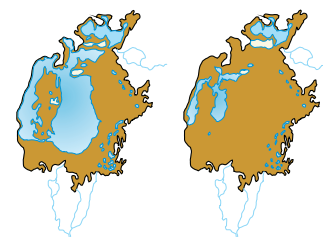


4 Doira bo'laklari yordamida berilgan kasrning noto'g'ri kasr va aralash son ko'rinishini ko'rsatilgan joyga yozing va son o'qida belgilang.

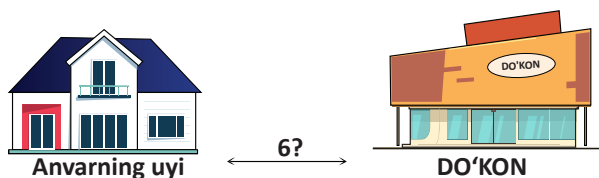
a)				
b)				
d)				

- 1 Matnni o'qing. Qanday o'lchov birliklaridan foydalanilgan?

Aziz bolajonlar! Siz Orol fojiasi haqida eshitganmisiz? U O'rta Osiyodagi eng katta ko'l hisoblanar edi. Uning uzunligi 428 km, eng keng joyi 235 km bo'lgan. O'tgan asrning 50-yillarida dengiz chuqurligi 68 metr atrofida bo'lgan. XXI asr boshiga kelib 40 metrgacha pasaydi.

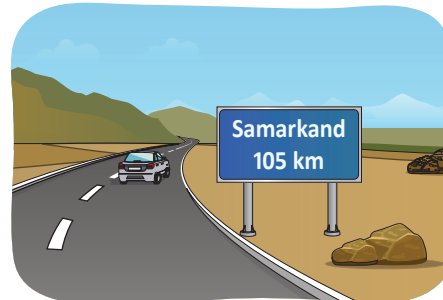


- 2 a) So'roq belgisi o'rniga mos uzunlik o'lchov birligini qo'ying. Javobingizni izohlang.



- b) Madina sinfxonaning bo'yini o'lchamoqchi. Sizningcha, u qaysi o'lchov birligidan foydalangani ma'qul: mm, cm yoki m danmi? Javobingizni izohlang.

- 3 a) Nigina oilasi bilan Toshkentdan Samarqandga sayohatga chiqdi. Ikki shahar orasidagi masofa taxminan 305 km. Ma'lum vaqtdan so'ng ular yo'l belgisiga qarab, Samarqandgacha 105 km qolganini ko'rishdi. Ular shu vaqtgacha qancha masofa bosib o'tishgan?



- b) Sportchi birinchi kuni 3 km, ikkinchi kuni esa 4 km masofaga yugurdi. Ikki kunda u jami qancha masofa yugurgan?

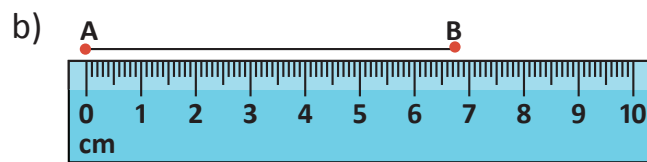
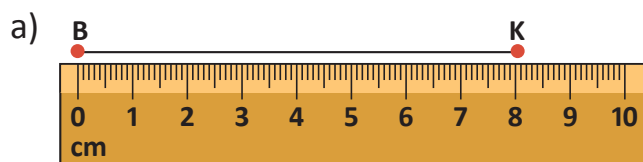


- 4 Ravshan matematika daftarining perimetrini topmoqchi. Sizningcha, u qaysi o'lchov birligidan foydalangani ma'qul: mm, cm yoki m danmi? Javobingizni izohlang.

- 5 Poyezd 2 soatda 540 km, avtomobil 4 soatda 360 km yo'l yurdi. Poyezd avtomobildan necha marta tezroq harakatlangan?

Uzunlik o'lchov birliklari orasidagi munosabatlar

1 Berilgan kesmalar uzunligini cm va mm larda ifodalang.



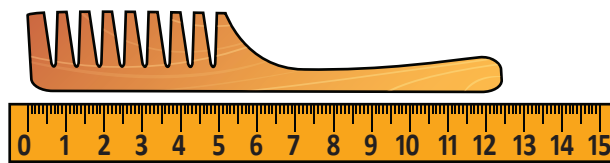
2 Uzunlik o'lchov birliklari orasidagi munosabatlarni yozing.

a) $7 \text{ km} = \underline{\hspace{2cm}} \text{ m}$ b) $10 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$ d) $10 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

e) $200 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$ f) $6000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$ g) $3000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

3 Uzunlik o'lchov birliklari orasidagi munosabatlarni yozing.

a) $\underline{\hspace{1cm}} \text{ cm} = \underline{\hspace{1cm}} \text{ mm}$ b) $\underline{\hspace{1cm}} \text{ cm } \underline{\hspace{1cm}} \text{ mm} = \underline{\hspace{1cm}} \text{ mm} = \underline{\hspace{1cm}} \text{ dm } \underline{\hspace{1cm}} \text{ cm } \underline{\hspace{1cm}} \text{ mm}.$



4 Uzunlik o'lchov birliklari orasidagi munosabatlarni yozing.

a) $353 \text{ mm} = \underline{\hspace{1cm}} \text{ cm } \underline{\hspace{1cm}} \text{ mm}$ b) $667 \text{ mm} = \underline{\hspace{1cm}} \text{ cm } \underline{\hspace{1cm}} \text{ mm}$

d) $81 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$ e) $82 \text{ mm} = \underline{\hspace{1cm}} \text{ cm } \underline{\hspace{1cm}} \text{ mm}$

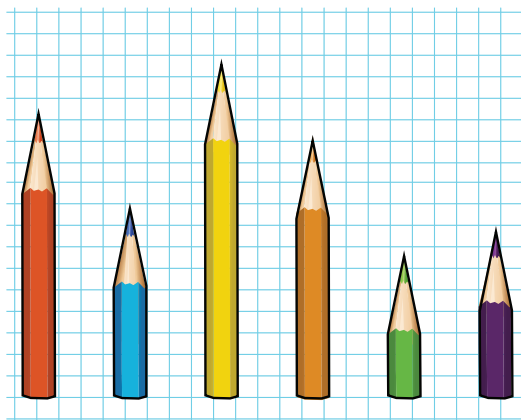
f) $26 \text{ cm } 6 \text{ mm} = \underline{\hspace{2cm}} \text{ mm}$ g) $38 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

- 1 Ibrohimning bo'yi 90 cm, dadasi esa undan 1 m 5 cm uzun. Dadasining bo'yini toping.

- 2 Qalamlar uzunligini cm va mm da yozing.



- 3 Katakka chizilgan qalamlarning uzunligini chizg'ich ishlatmasdan millimetrlarda chamalang va o'sish tartibida joylang.



- 4 Rustamning uyi va maktabi orasidagi masofa 2000 m. U har kuni maktabga borish uchun necha km masofani bosib o'tadi?



- 5 Masalani yeching.

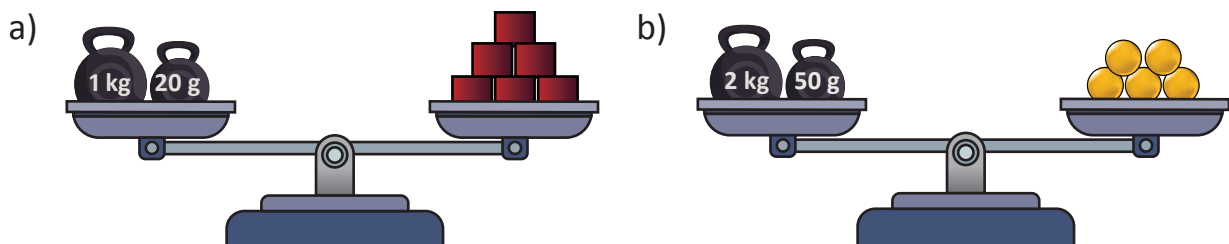
Azizaning oyisi bayram uchun unga 4 m matodan ko'ylak tikib berdi. Azizaning ko'ylagi uchun ishlatilgan mato uzunligini cm va dm larda ifodalang.

- 6 Adham har birining uzunligi 20 cm dan bo'lgan 5 ta tasmani birlashtirdi. Hosil bo'lgan tasmaning umumiy uzunligini m, dm va cm larda ifodalang.

1 O'lchov birliklari orasidagi munosabatlardan foydalanib, bir o'lchov birligidan boshqasiga o'ting.

- a) $8 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ b) $4 \text{ kg } 588 \text{ g} = \underline{\hspace{2cm}} \text{ g}$ d) $600 \text{ kg} = \underline{\hspace{1cm}} \text{ q}$
 e) $10 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ f) $1087 \text{ g} = \underline{\hspace{1cm}} \text{ kg } \underline{\hspace{1cm}} \text{ g}$ g) $9200 \text{ kg} = \underline{\hspace{1cm}} \text{ q}$

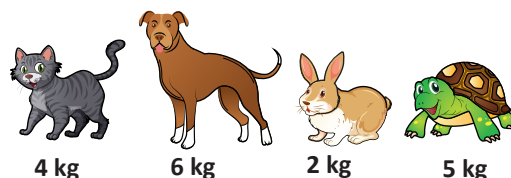
2 Har bir jismning massasini toping.



3 O'lchov birliklari orasidagi munosabatlardan foydalanib, bir o'lchov birligidan boshqasiga o'ting.

- a) $4 \text{ kg } 214 \text{ g} = \underline{\hspace{2cm}} \text{ g}$ b) $8106 \text{ g} = \underline{\hspace{1cm}} \text{ kg } \underline{\hspace{1cm}} \text{ g}$
 d) $6211 \text{ kg} = \underline{\hspace{1cm}} \text{ q } \underline{\hspace{1cm}} \text{ kg}$ e) $8 \text{ kg } 588 \text{ g} = \underline{\hspace{2cm}} \text{ g}$
 f) $4 \text{ kg } 800 \text{ g} = \underline{\hspace{2cm}} \text{ g}$ g) $7 \text{ kg } 518 \text{ g} = \underline{\hspace{2cm}} \text{ g}$

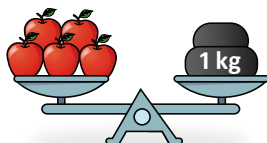
4 Berilgan hayvonlarning massasi asosida quyidagi savollarga javob bering:



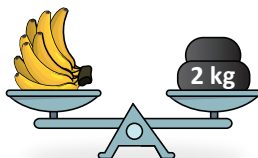
- a) 2 ta mushuk va 3 ta itning massasi necha kilogramm?
 b) 300 ta toshbaqaning massasi necha sentner?
 d) 11 ta quyonning massasi necha gramm?

- 1 Jamila do'kondan 4 kg qovoq sotib oldi. 4 kg ni grammda ifodalang.
- 2 Yashikda 5 ta quti tuz bor. Har bir qutidagi tuzning massasi 600 g bo'lsa, yashikda jami qancha tuz bor? Natijani kg va grammlarda ifodalang.
- 3 Berilgan ma'lumotlardan foydalanib bir dona olma, banan va tarvuzning massasini aniqlang.

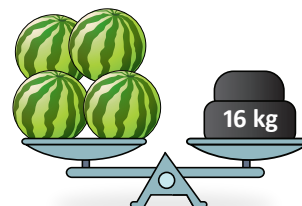
a)



b)



d)

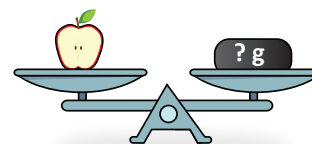
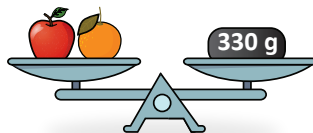
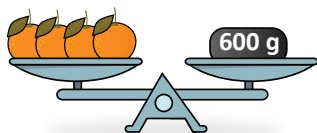


- 4 Masalani yeching.

Sportning og'ir atletika yo'nalishi bo'yicha 1-sportchi 75 kg, 2-sportchi undan 2 marta og'ir tosh ko'tardi. 3-sportchi esa 1 q og'irlikdagi toshni ko'tardi. Qaysi sportchi eng og'ir toshni ko'targan? Uchta sportchi jami necha kg tosh ko'targan?



- 5 Berilgan ma'lumotlardan foydalanib mevalarning massasini aniqlang.

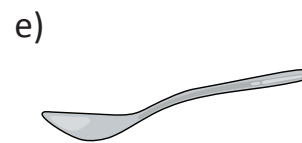
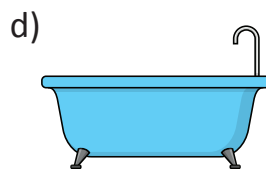
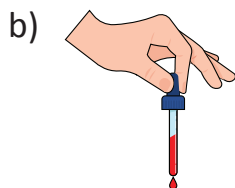


 _____ g  _____ g  _____ g

- 6 Masalani yeching.

Dehqon birinchi yili olma daraxtidan 120 kg hosil yig'ib oldi. Ikkinchi yili olma daraxti birinchi yildagidan 50 kg ko'p hosil berdi. Ikki yilda dehqon jami qancha hosil yig'ib olgan?

- 1 Rasmlarda berilgan predmetlardagi suyuqlik sig'imini qaysi sig'im o'lchov birligida o'lchagan bo'lardingiz? Litrdami yoki millilitrda? Nima uchun?



- 2 Millilitrda (ml) berilgan sig'imni litrga aylantiring.

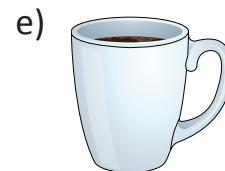
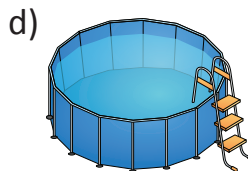
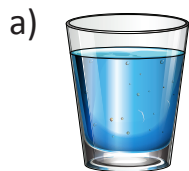
- a) 3000 ml = ___ l b) 6000 ml = ___ l d) 9000 ml = ___ l
e) 1000 ml = ___ l f) 4000 ml = ___ l g) 7000 ml = ___ l

- 3 Litrda berilgan sig'imni millilitrga aylantiring.

- a) 3 l = ___ ml b) 5 l = ___ ml
d) 7 l = ___ ml e) 1 / 500 ml = ___ ml
f) 2 / 330 ml = ___ ml g) 5 / 225 ml = ___ ml



- 4 Quyida berilgan predmetlardagi suyuqlik sig'imini o'lchash uchun qaysi sig'im o'lchov birligidan foydalangan bo'lardingiz?



- 5 ml va l o'rtasidagi almashtirishlarni bajaring.

- a) 5000 ml = ___ l b) 8 l = ___ ml
d) 3 / 400 ml = ___ ml e) 2 / 300 ml = ___ ml

- 1 Sinfxonada akvarium bor. Akvariumdagi suv 20 litrmi yoki 20 ml?



- 2 Haydovchi avtomobilga 6 litr benzin quydi. Agar u 4500 ml ishlatgan bo'lsa, qancha benzin qolgan?



- 3 5 litr suyuq sovunni 250 millilitrli idishlarga solish uchun nechta idish kerak bo'ladi?

- 4 Sut sotuvchi 3 kunda 46 litr 200 ml, keyingi 2 kunda yana 53 litr 195 ml sut sotdi. U 5 kunda jami qancha sut sotgan?



- 5 Sut sotuvchi ertalab 35 litr 800 ml, kechqurun ertalabkidan 10 litr 600 ml kam sut sotadi. U bir kunda qancha sut sotadi?

- 6 Sora buvisinikiga 500 ml kunjut yog'i, 250 ml sedana yog'i va 350 ml zaytun yog'i olib bordi. U buvisinikiga jami necha ml yog' olib borgan? / va ml da ifodalang.

Uzunlik, massa va sig'im o'lchov birliklariga doir masalalar

1 Uzunlik o'lchov birligiga doir masalalarni yeching.

Manzura turli o'lchamdagi munchoqlardan marjon shodasi yasamoqchi. Uzunligi 8 mm li munchoqdan 30 ta, 4 mm li munchoqdan 70 ta, 2 mm li munchoqdan 40 ta ishlatsa, marjonning umumiy uzunligi necha cm bo'ladi?



2 Massa o'lchov birligiga doir masalalarni yeching.

Zargar 400 gramm kumush, 700 gramm jez va 900 gramm misga buyurtma berdi. Zargar jami necha kg metallga buyurtma bergan?

3 Sig'im o'lchov birligiga doir masalalarni yeching.

- a) Barno tug'ilgan kuniga 20 ta o'rtog'ini chaqirdi. Agar u ularning har biriga 250 ml li meva sharbatidan tortiq qilgan bo'lsa, jami necha litr meva sharbati ichilgan?
- b) Barnoning onasi qizining tug'ilgan kuniga 2 ta tort, 2 ta pirog, pechenye va shunga o'xshash shirinliklar pishira boshladi. Pishiriqlar retseptida sut quyidagi sig'imda yozilgan: 230 ml, 50 ml, 120 ml, 200 ml, 300 ml va 100 ml. Ushbu pishiriqlar uchun jami necha litr sut kerak bo'ladi?

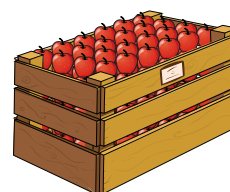


4 Masalalarni yeching.

- a) Har bir kitobning qalinligi 55 mm. Kitob javoniga 34 ta kitob joylasa bo'ladi. Kitob javonining uzunligi necha cm?



- b) Yashikka 10 kg olma ketadi. 1 dona olma 200 g bo'lsa, yashikka jami nechta olma ketadi?



1 Uzunlik o'lchov birliklari orasidagi munosabatlardan foydalanib, bo'sh joylarni to'ldiring.

a) $3 \text{ km } 24 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

b) $8 \text{ m } 50 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

d) $204 \text{ cm} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$

e) $756 \text{ mm} = \underline{\hspace{2cm}} \text{ cm } \underline{\hspace{2cm}} \text{ mm}$

f) $3 \text{ m } 35 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

g) $67 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

2 Sarvar 1-kuni 600 m piyoda yurdi. U har kuni avvalgi kunga qaraganda 200 m ortiq masofaga piyoda yurishga qaror qildi. 8-kuni Sarvar necha km piyoda yuradi?

3 Oshpaz 5 kg qadoqda guruch sotib oldi va 3 kg 400 g guruchdan palov tayyorladi. Qancha guruch ortib qoldi? Javobni grammda yozing.

4 Jamila 8 kg shakar, 10 kg un, 500 g kakao, 225 g yong'oq va 275 g kokos kukuni sotib oldi. U jami necha kg mahsulot sotib olgan?



5 Masalani yeching.

Hilola Lola va Zilolani mehmon qildi. Hilola ichish uchun dasturxonga bitta 400 millilitrli choynakda choy, 1 litr olma sharbati qo'ydi. Hilola bilan Zilola choyni teng bo'lib ichishdi. Lola 250 ml li stakanda, Zilola 100 ml li bokalda sharbat ichdi.

Qancha sharbat qolgan?

Eng ko'p suyuqlikni kim ichgan va qancha?

Eng kam suyuqlikni kim ichgan va qancha?

1 Birinchi ko'paytuvchini 10 largacha yaxlitlang va ko'paytmani bajaring.

a) $38 \cdot 2$

b) $52 \cdot 5$

d) $74 \cdot 9$

e) $29 \cdot 3$

2 Ko'paytuvchilarning kattasini 100 largacha yaxlitlang va ko'paytmani toping.

a) $345 \cdot 2$

b) $972 \cdot 5$

d) $7 \cdot 563$

e) $3 \cdot 737$

f) $4 \cdot 908$

g) $255 \cdot 8$

3 Qizchanning taxminiy fikrini quyidagi misollar uchun qo'llab ko'ring.

$582 \cdot 6$ ifodada eng katta ko'paytuvchi 100 largacha yaxlitlansa, ko'paytma $600 \cdot 6 = 3600$ bo'ladi.

Menimcha, $582 \cdot 6$ ko'paytmaning natijasi 3600 ga yaqinroq son bo'ladi.

a) $792 \cdot 5$

b) $253 \cdot 9$

og'zaki fikr yuritiladi



4 Ko'paytuvchilardan birini 10 largacha yaxlitlang va ko'paytmani toping.

a) $74 \cdot 2$

b) $4 \cdot 43$

d) $86 \cdot 9$

e) $6 \cdot 55$

5 Ko'paytuvchilarning kattasini 100 largacha yaxlitlang va ko'paytmani toping.

a) $378 \cdot 6$

b) $862 \cdot 3$

d) $9 \cdot 602$

e) $8 \cdot 546$

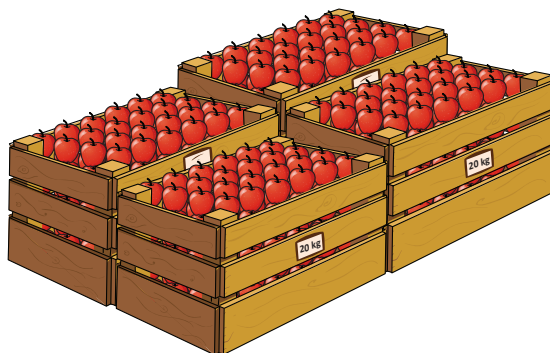
f) $7 \cdot 863$

g) $349 \cdot 6$

- 1 Ishchilar bir kunda 250 metr yerga asfalt yotqizdilar. Ish jarayoni shu tartibda davom etsa, ular bir haftada necha metr yerga asfalt yotqizadi? Natijani bo'lish orqali tekshiring.
- 2 Hilola ingliz tilini o'rganishga qaror qildi va har kuni 25 tadan yangi so'z yodlashni rejalashtirdi. Agar u bu rejaga amal qilsa, 28 kunda jami necha yangi so'z yodlaydi? Natijani bo'lish orqali tekshiring.
- 3 Davronning telefonida 21 ta fotosurat bor. Alining telefonida esa Davronnikiga qaraganda 15 marta ko'p rasmlar bor. Alining rasmlari soni necha? Natijani bo'lish orqali tekshiring.



- 4 To'g'ri to'rtburchak shaklidagi gulzorning eni 128 metr, bo'yi esa undan 3 marta uzun. Shu yerga aylantirib panjara o'rnatilsa, jami necha metr panjara ketadi?
- 5 O'quvchilar dam olish kuni bog'bonga olma terishga yordam berishdi. Ular har biri 20 kg dan 34 yashik olma terishdi. Shu kuni jami qancha olma terilgan?



Masalalar yechish. Bo'lishni ko'paytirish orqali tekshirish

1 Agar novvoyxonada 5 soatda 600 ta non tayyorlansa, 1 soatda nechta non tayyor bo'ladi? Masalaning javobini teskari amal bilan tekshiring.

2 Dehqonlar dushanba kuni 300 kg, seshanba kuni dushanba kundagidan 5 marta kam kartoshka terishdi. Seshanba kuni necha kg kartoshka terilgan? Masalaning javobini teskari amal bilan tekshiring.



3 a) Tuman miqyosida o'tkazilayotgan sport musobaqalarida jami 654 ta ishtirokchi qatnashmoqda. Ular o'z sport turlari bo'yicha 6 ta yo'nalishga bo'lindi. Har bir sport turi bo'yicha nechtadan ishtirokchi qatnashmoqda? Masalaning javobini teskari amal bilan tekshiring.



b) Gul do'koniga 315 dona atirgul keltirildi. Sotuvchi har birida 9 tadan atirgul bo'lgan chiroyli guldastalar tayyorladi. U jami nechta guldasta tayyorlagan? Masalaning yechimini teskari amal bilan tekshiring.



4 Kiyim do'koniga dushanba kuni 304 ta kiyim keltirildi. Seshanba kuni dushanba kundagiga qaraganda 4 marta kam kiyim keltirildi. Do'konga seshanba kuni nechta kiyim keltirilgan? Masalaning javobini teskari amal bilan tekshiring.

1 Ko'paytirishning o'rin almashtirish xossasidan foydalanib, ko'paytmani toping (namunaga qarang).

a) $4 \cdot 5 = 5 \cdot 4 = 20$

b) $7 \cdot 8$

d) $13 \cdot 5$

e) $5 \cdot 12$

f) $14 \cdot 11$

g) $16 \cdot 15$

2 Ko'paytirishning guruhlash xossasidan foydalanib, ko'paytmani toping.

a) $(3 \cdot 5) \cdot 7$

b) $(2 \cdot 8) \cdot 4$

d) $(7 \cdot 9) \cdot 3$

e) $(9 \cdot 4) \cdot 10$

f) $(3 \cdot 8) \cdot 10$

g) $(6 \cdot 7) \cdot 5$

3 Guruhlash xossasidan foydalanib, bo'sh kataklarni namunadagidek to'ldiring.

$7 \cdot (3 \cdot \underline{\quad}) = 42$

$(7 \cdot 3) \cdot \underline{\quad} = 42$

$21 \cdot 2 = 42$

a) $8 \cdot (4 \cdot \underline{\quad}) = 64$

b) $\underline{\quad} \cdot (7 \cdot 6) = 210$

d) $3 \cdot (\underline{\quad} \cdot 5) = 60$



4 Guruhlash xossasidan foydalanib, ko'paytmani toping.

a) $4 \cdot (3 \cdot 2) = (4 \cdot 3) \cdot \square$

b) $6 \cdot (2 \cdot 5) = (6 \cdot 2) \cdot \square$

d) $(7 \cdot 8) \cdot 2 = 7 \cdot (8 \cdot \square)$

e) $(9 \cdot 3) \cdot 4 = 9 \cdot (3 \cdot \square)$

5 Ko'paytirishning o'rin almashtirish xossasidan foydalanib ko'paytiring.

a) $4 \cdot 9 = 9 \cdot 4 = 36$

b) $10 \cdot 11$

d) $8 \cdot 12$

e) $7 \cdot 11$

f) $21 \cdot 12$

g) $36 \cdot 9$

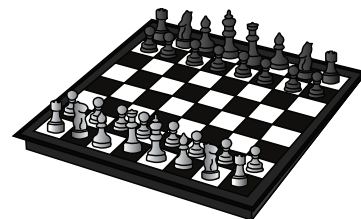
1 Ko'paytmaning qiymati o'zgarmaydigan qilib qavslar o'rnini o'zgartiring va natijani hisoblang.

- a) $(9 \cdot 4) \cdot 5$ b) $(4 \cdot 6) \cdot 8$ d) $7 \cdot (3 \cdot 9)$ e) $2 \cdot (8 \cdot 3)$

2 Ko'paytirishning guruhlash va o'rin almashtirish xossalaridan foydalanib, ifodaning qiymatini qulay usulda hisoblang.

- a) $(2 \cdot 7) \cdot 5$ b) $(3 \cdot 9) \cdot 4$ d) $5 \cdot (3 \cdot 8)$ e) $6 \cdot (2 \cdot 7)$

3 Shaxmatchilar jamoasi musobaqada ishtirok etmoqda. Jamoada 7 ta shaxmatchi bor. Agar ularning har biri 4 ta o'yinda g'alaba qozongan bo'lsa va har bir g'alaba uchun 5 ball berilsa, musobaqada jamoa jami necha ball to'plagan? Masalani ko'paytirishning guruhlash xossasidan foydalanib yeching.



4 Ko'paytmaning qiymati o'zgarmaydigan qilib qavslar o'rnini o'zgartiring va natijani hisoblang.

- a) $(6 \cdot 3) \cdot 7$ b) $(4 \cdot 6) \cdot 8$ d) $9 \cdot (3 \cdot 9)$ e) $6 \cdot (2 \cdot 4)$

5 Nodira birinchi kuni 6 ta sahifa, ikkinchi kuni birinchi kunga qaraganda 2 marta ko'p sahifa kitob o'qidi. Uchinchi kuni esa ikkinchi kunga qaraganda 3 marta ko'proq sahifa kitob o'qidi.

Nodira uchinchi kuni necha sahifa kitob o'qigan? Masalani ko'paytirishning guruhlash xossasini qo'llab yeching.

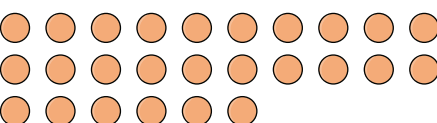
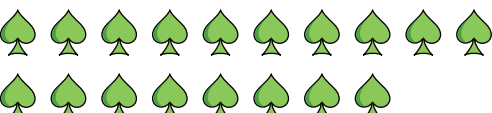
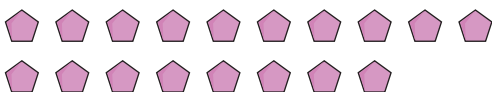
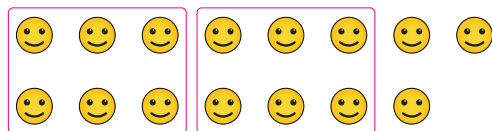
1 Namunadagi kabi bajaring.

a) **Namuna:** 15 ta shakldan nechta 6 talik guruh hosil qila olasiz? Nechta shakl ortib qoladi?

b) 18 ta shakldan nechta 3 talik guruh hosil qila olasiz? Nechta shakl ortib qoladi?

d) 18 ta shakldan nechta 5 talik guruh hosil qila olasiz? Nechta shakl ortib qoladi?

e) 26 ta shakldan nechta 4 talik guruh hosil qila olasiz? Nechta shakl ortib qoladi?



2 Fermer olmalarni qutiga joylashtirmoqda. Har bir qatorga 6 tadan olma terilsa, 20 ta olma nechta qatorga yetadi? Nechta olma ortib qoladi? Javobingizni daftaringizga chizib ko'rsating.

3 Do'konda 5 ta tokchaga 6 tadan sharbat qutisi qo'yildi va yana 3 ta sharbat ortib qoldi. Jami nechta sharbat qutisi bo'lgan?

4 O'qituvchi 55 ta kitobni kitob javoniga joylashtirmoqchi. Agar har bir tokchaga 9 ta kitob joylashtirilsa, nechta tokcha to'ladi? Nechta kitob ortib qoladi?



5 Nargizaning oyisi 3 ta likopchanning har biriga 2 tadan tuxum pishirib qo'ydi. Tovada yana 1 ta tuxum ortib qoldi. U dastlab nechta tuxum pishirgan?



6 Avtomobilga 4 ta yo'lovchi sig'adi. 38 ta sayyoh Samarqandga avtomobilda borishi uchun nechta avtomobil kerak bo'ladi?

Ikki xonali sonni bir xonali songa qoldiqli bo'lish

1 Qoldiqli bo'lishni bajaring. Bo'linma va qoldiqni toping.



$$19 : 4$$

Bo'linma

Qoldiq



$$22 : 3$$

Bo'linma

Qoldiq

2 Qoldiqli bo'lishni ustun shaklida bajaring.

a)

-	8	7	3	
		7		

b)

-	9	4	6	
		4		

d)

-	9	3	7	
		3		

3 Qoldiqli bo'lishni ustun shaklida bajaring.

a) $25 : 2$

b) $38 : 3$

d) $53 : 4$

e) $75 : 6$

f) $64 : 7$

g) $78 : 8$



4 Sizda 13 ta predmet bor. Ularni teng miqdorda 5 ta guruhga bo'ling.

Nechta guruh hosil bo'ldi:

Nechta predmet ortib qoldi:

Guruhlar rasmini chizing:

Bo'linmani yozing:

5 Sizda 19 ta predmet bor. Ularni teng miqdorda 6 ta guruhga bo'ling.

Nechta guruh hosil bo'ldi:

Nechta predmet ortib qoldi:

Guruhlar rasmini chizing:

Bo'linmani yozing:

6 Qoldiqli bo'lishni ustun shaklida bajaring.

a) $35 : 2$

b) $70 : 5$

d) $80 : 6$

1 Qoldiqli bo'lishni bajaring va kalit so'zida yashiringan allomaning ismini toping.

$69 \overline{) 5}$ R	$21 \overline{) 2}$ B	$77 \overline{) 6}$ I	$35 \overline{) 3}$ U	$90 \overline{) 7}$ Y	$51 \overline{) 4}$ N	$87 \overline{) 8}$ E
---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------

Qoldiq son	1	7	4	2	3	5	6
KALIT SO'Z							



2 Qoldiqli bo'lishni bajaring. Bo'sh kataklarni mos ravishda to'ldiring.

	Bo'linuvchi	Bo'luvchi	Bo'linma	Qoldiq
a) $47 \overline{) 2}$				
b) $48 \overline{) \quad}$		5		
d) $\quad \overline{) 9}$		8		5
e) $\quad \overline{) \quad}$		5	7	3

3 Qoldiqli bo'lishni bajaring. Barcha qoldiqlarni to'g'ri ko'paytirsangiz, kitoblarning qaysi biri Mirzo Ulug'bekning ilmiy asari ekanligini topasiz.

26 : 3

38 : 5

70 : 6



24 Ziji Ko'ragoniy



26 Hayrat ul-Abror



4 Qoldiqli bo'lishni bajaring va to'g'ri bajarilganini tekshiring.

a) 37 : 6

b) 58 : 4

d) 79 : 7

e) 69 : 8

f) 87 : 5

g) 49 : 9

Uch xonali sonni bir xonali songa qoldiqli bo'lish

1 Qoldiqli bo'lishni ustun shaklida bajaring.

a) $778 : 7$

b) $638 : 3$

d) $489 : 4$

2 Qoldiqli bo'lishni ustun shaklida bajaring.

a) $689 : 6$

b) $932 : 3$

d) $483 : 4$

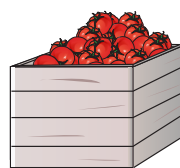
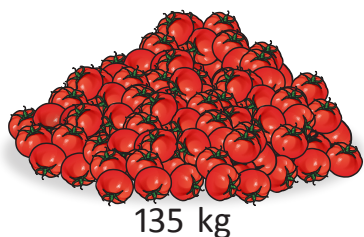
3 Qoldiqli bo'lishni ustun shaklida bajaring.

a) $478 : 4$

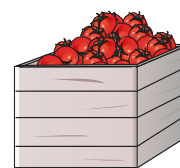
b) $694 : 6$

d) $853 : 2$

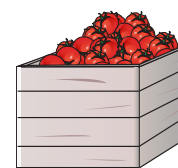
4 Rasm asosida masala tuzing va yeching.



? kg



? kg



? kg

Ortib qoldi-? kg



5 Qoldiqli bo'lishni ustun shaklida bajaring.

a) $583 : 4$

b) $794 : 6$

d) $491 : 3$

6 Robot yasash to'plamida 338 ta detal bor. 3 ta bola teng miqdorda detal olishdi. Nechta detal ortib qoldi?

1 Qoldiqli bo'lishni ustun shaklida bajaring.

a) $334 : 5$

b) $567 : 8$

d) $279 : 3$

e) $458 : 6$

f) $619 : 9$

g) $388 : 7$

2 Qoldiqli bo'lishni ustun shaklida bajaring. Bo'lish to'g'ri bajarilganini tekshiring.

a) $725 : 7$

b) $828 : 4$

d) $957 : 9$

e) $316 : 3$

f) $557 : 5$

g) $869 : 6$

3 Qoldiqli bo'lishni bajaring. Bo'linmalarni o'sish tartibida joylashtirsangiz, buyuk shoir va alloma Alisher Navoiyning hikmatli so'zlarini o'qiysiz.

$815 : 8 = \underline{\text{so'rab}}$

$949 : 8 = \underline{\text{olim}}$

$554 : 4 = \underline{\text{o'ziga}}$

$658 : 5 = \underline{\text{orlanib}}$

$565 : 4 = \underline{\text{zolim}}$

$766 : 8 = \underline{\text{Bilmaganni}}$

$537 : 5 = \underline{\text{o'rgangan}}$

$679 : 5 = \underline{\text{so'ramagan}}$



4 Qoldiqli bo'lishni ustun shaklida bajaring. Bo'lish to'g'ri bajarilganini tekshiring.

a) $689 : 6$

b) $890 : 6$

d) $622 : 4$

e) $449 : 5$

f) $650 : 3$

g) $642 : 9$

6, 12 va 18 sonlarining bo'luvchilari

1 Karra jadvalidan foydalanib, noma'lum ko'paytuvchilarni toping.

a) $1 \cdot 6 = 6$ b) $1 \cdot 12 = 12$ d) $1 \cdot 18 = 18$
 $6 \cdot \underline{\quad} = 6$ $12 \cdot \underline{\quad} = 12$ $18 \cdot \underline{\quad} = 18$
 $2 \cdot \underline{\quad} = 6$ $2 \cdot \underline{\quad} = 12$ $2 \cdot \underline{\quad} = 18$
 $3 \cdot \underline{\quad} = 6$ $6 \cdot \underline{\quad} = 12$ $9 \cdot \underline{\quad} = 18$
 $3 \cdot \underline{\quad} = 12$ $3 \cdot \underline{\quad} = 18$
 $4 \cdot \underline{\quad} = 12$ $6 \cdot \underline{\quad} = 18$

X	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

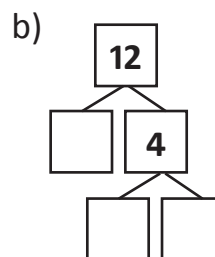
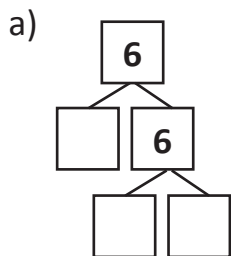
2 Sonlarning barcha bo'luvchilarini o'sish tartibida yozing.

a) $6 : \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$.

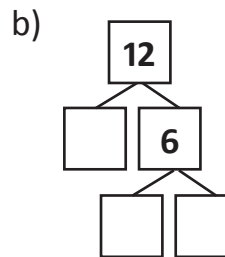
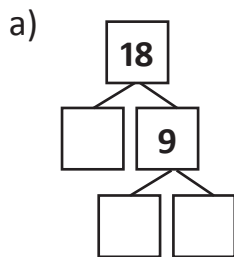
b) $12 : \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$.

d) $18 : \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$.

3 Bo'sh kataklarni to'ldiring.



4 Sonlarni ko'paytuvchilarga ajrating.



1 Karra jadvalidan foydalanib, noma'lum ko'paytuvchilarni toping.

a) $1 \cdot 24 = 24$

$24 \cdot 1 = 24$

$2 \cdot \underline{\quad} = 24$

$12 \cdot \underline{\quad} = 24$

$3 \cdot \underline{\quad} = 24$

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

$4 \cdot \underline{\quad} = 24$

$6 \cdot \underline{\quad} = 24$

b) $1 \cdot 36 = 36$

$36 \cdot 1 = 36$

$2 \cdot \underline{\quad} = 36$

$18 \cdot \underline{\quad} = 36$

$3 \cdot \underline{\quad} = 36$

$12 \cdot \underline{\quad} = 36$

$4 \cdot \underline{\quad} = 36$

$9 \cdot \underline{\quad} = 36$

$6 \cdot \underline{\quad} = 36$

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

2 36 sonini barcha ko'paytuvchilarga yoyilgan holatda yozing.

$36 = \underline{\quad} \cdot \underline{\quad} = \underline{\quad} \cdot \underline{\quad} = \underline{\quad} \cdot \underline{\quad} = \underline{\quad} \cdot \underline{\quad}$
 $= \underline{\quad} \cdot \underline{\quad} = \underline{\quad} \cdot \underline{\quad} = \underline{\quad} \cdot \underline{\quad} = \underline{\quad} \cdot \underline{\quad}$
 $= \underline{\quad} \cdot \underline{\quad}$

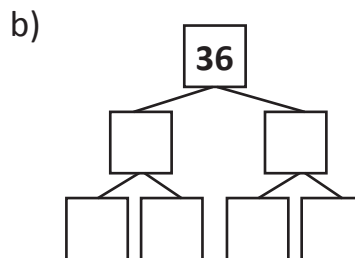
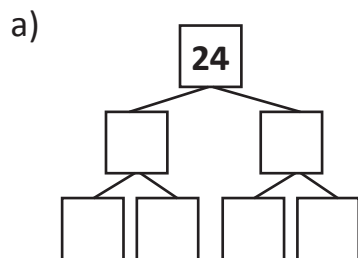


3 Berilgan sonlarning barcha bo'luvchilarini yozing.

a) $24 : \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$.

b) $36 : \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}, \underline{\quad}$.

4 Bo'sh kataklarni to'ldiring.



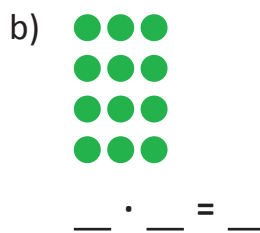
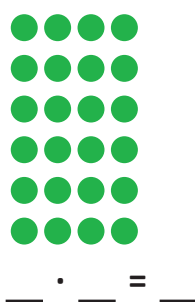
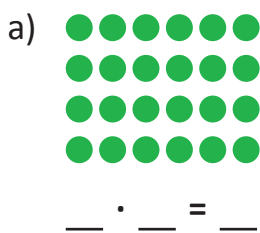
1 Bolajonlar, ayting-chi, 6 ta guldan necha xil usulda guldasta tayyorlash mumkin?

2 Ali ta'til vaqtida 24 varaqli ertak kitobni o'qib tugatishga qaror qildi. Ali buning uchun kunlik reja tuzmoqchi. U bu rejani necha xil usulda tuzishi mumkin?

3 Maktabdagi futbol to'garagiga 18 ta o'quvchi a'zo. Mashg'ulot paytida murabbiy bolalarga guruhlarga bo'linib mashq qilishni aytdi. Bolalar necha xil usulda guruhlarga bo'linishi mumkin?



4 Shakllarni ko'paytuvchilar ko'rinishida yozing.



5 Malika bir son o'yladi. U son 9 va 6 ga bo'linadi. Bu son 30 dan katta emas. Malika qanday son o'ylagan?

1 Ko'paytuvchilardan birini 100 largacha yaxlitlang va taxminiy ko'paytmani toping.

a) $415 \cdot 3 \approx$

b) $751 \cdot 4 \approx$

d) $5 \cdot 278 \approx$

e) $2 \cdot 849 \approx$

2 Dehqon bozorda 175 kg kartoshka, undan 3 marta ko'p piyoz sotdi. U qancha piyoz sotgan? Natijani bo'lish orqali tekshiring.

3 Qoldiqli bo'lishni bajaring.

a) $44 : 5$

b) $87 : 4$

d) $20 : 7$

e) $655 : 6$

f) $942 : 5$

g) $639 : 8$

4 a) qaysi son 36 ning bo'luvchisi emas

9; 6; 5

b) 12 qaysi sonning bo'luvchisi emas

18; 12; 24

d) 6 qaysi sonning bo'luvchisi emas

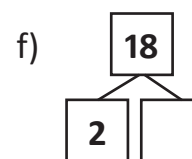
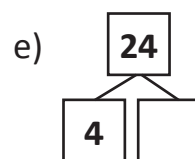
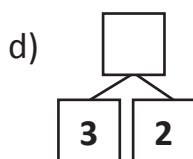
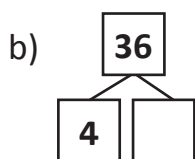
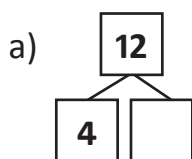
24; 15; 12



5 Masalaning yechimini bir necha usulda ko'rsating.

Odatda, o'quvchilar katta tanaffusda oshxonaga boradi. 12 ta o'quvchi maktab oshxonasidagi stollarga qanday usullarda joylashishi mumkin? Masalaning yechimini 2 ta ko'paytuvchining ko'paytmasi ko'rinishida bir necha usullarda ko'rsating.

6 Bo'sh joylarni to'ldiring.

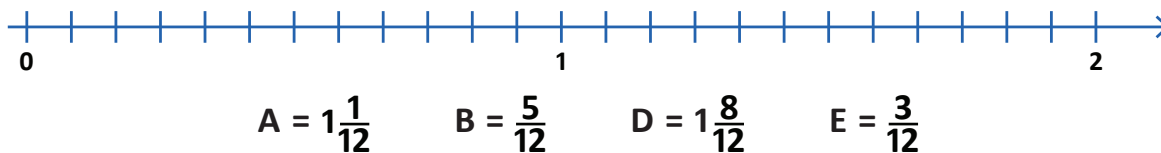


Kasrlar va aralash sonlarni son o'qida belgilash

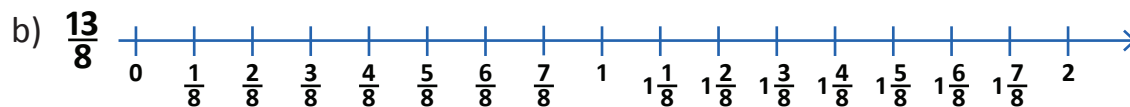
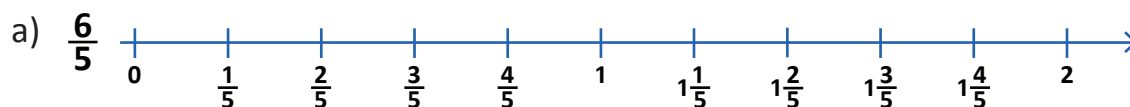
1 Noto'g'ri kasrni son o'qida belgilang.



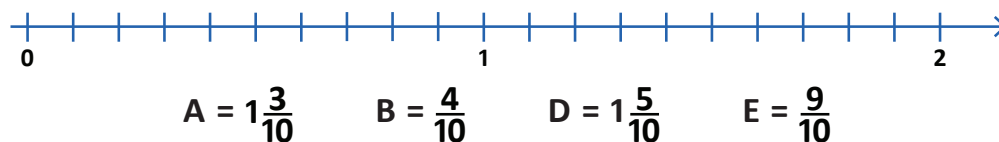
2 Kasrlar va aralash sonlarni son o'qida belgilang.



3 Noto'g'ri kasrni son o'qida belgilang.

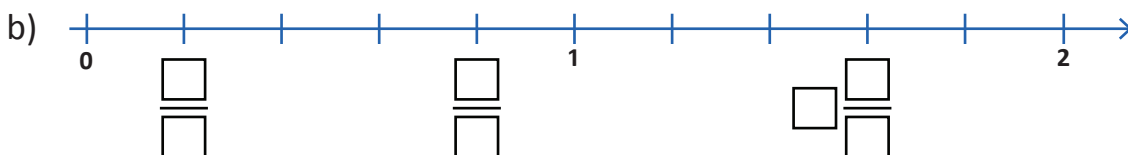
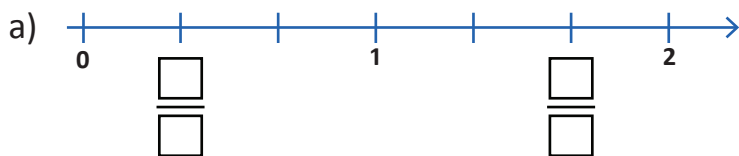


4 Kasrlar va aralash sonlarni son o'qida belgilang.



Kasrlar va aralash sonlarni son o'qida belgilash hamda taqqoslash

1 Son o'qida ko'rsatilgan kasrlarni toping.



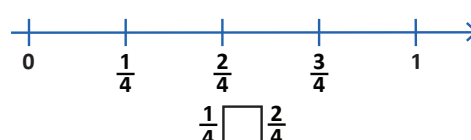
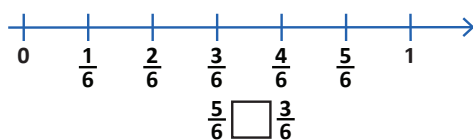
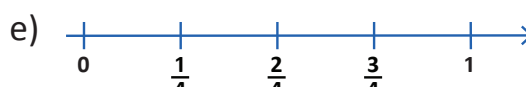
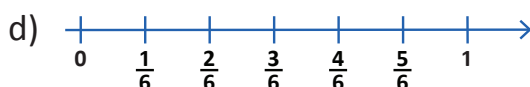
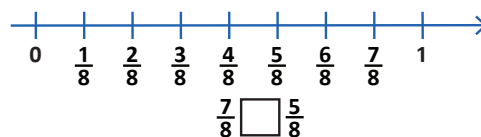
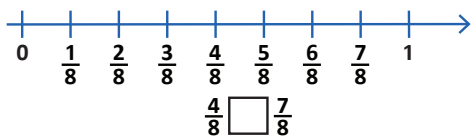
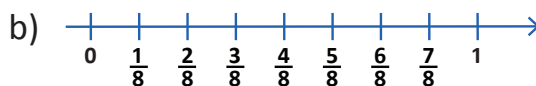
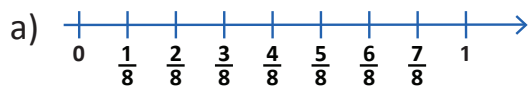
2 Kasrlar va aralash sonlarni son o'qida joylashtiring. Ularni taqqoslang.

a) $A = \frac{7}{6}$ $B = \frac{3}{6}$ $D = 1\frac{5}{6}$

b) $A = 1\frac{1}{5}$ $B = 1\frac{4}{5}$ $D = \frac{3}{5}$



3 Berilgan kasrlarni son o'qida belgilang va taqqoslang.



Kasrlar va aralash sonlarni son o'qida belgilash hamda taqqoslash

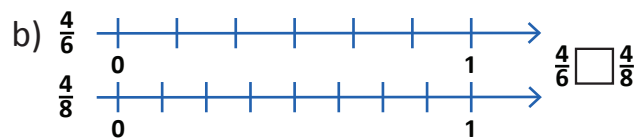
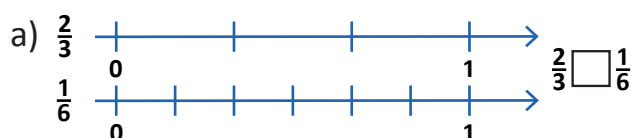
- 1 a) Katakli daftarga 12 cm li son o'qi chizing va kasrlar va aralash sonni belgilang: $\frac{9}{6}$, $\frac{5}{6}$, $1\frac{1}{6}$



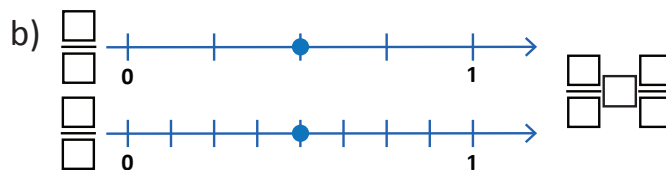
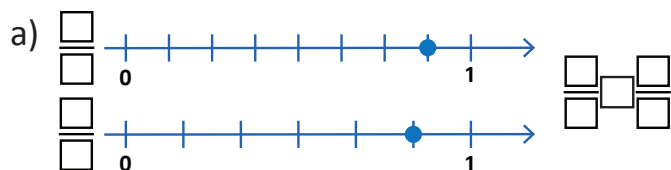
- b) Katakli daftarga 10 cm li son o'qi chizing va kasrlar va aralash sonni belgilang: $1\frac{3}{5}$, $\frac{7}{5}$, $\frac{4}{5}$



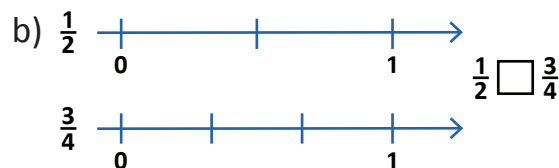
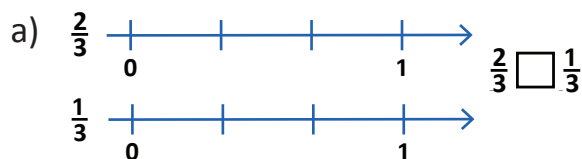
- 2 Berilgan kasrlarni son o'qida belgilang va ularni taqqoslang.



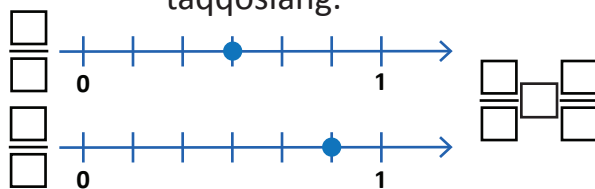
- 3 Nuqtalarga mos kasrlarni yozing va kasrlarni taqqoslang.



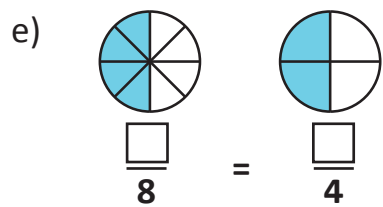
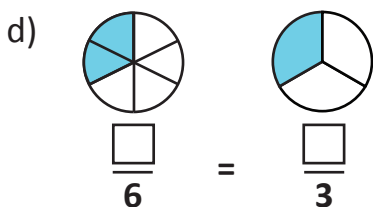
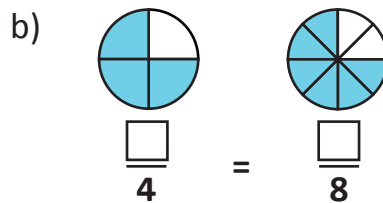
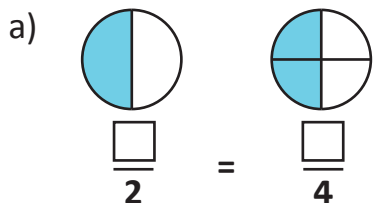
- 4 Berilgan kasrlarni son o'qida belgilang va ularni taqqoslang.



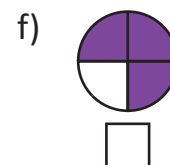
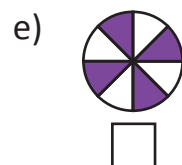
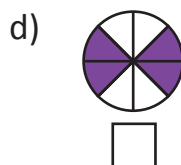
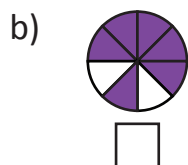
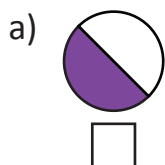
- 5 a) Nuqtalarga mos kasrlar yozing va kasrlarni taqqoslang. b) Misolning shartini o'zingiz tuzing.



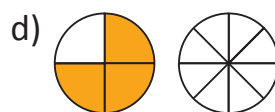
1 Shakllarning bo'yalgan qismlaridan foydalanib, teng kasrlarni yozing.



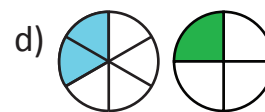
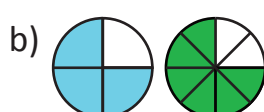
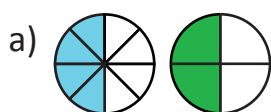
2 $\frac{1}{2}$ kasrga teng bo'lgan shakllarni belgilang.



3 Teng kasrlarni ko'rsatish uchun berilgan modellarni mos ravishda bo'yang va teng kasrlarni yozing.

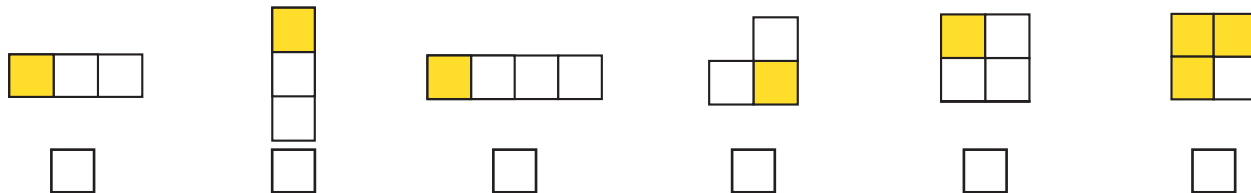


4 Shakllarda ko'rsatilgan kasrlarni yozing. Ularning tengligini aniqlang. Agar kasrlar teng bo'lsa, orasiga "=", aksincha bo'lsa, "≠" belgisini qo'ying.

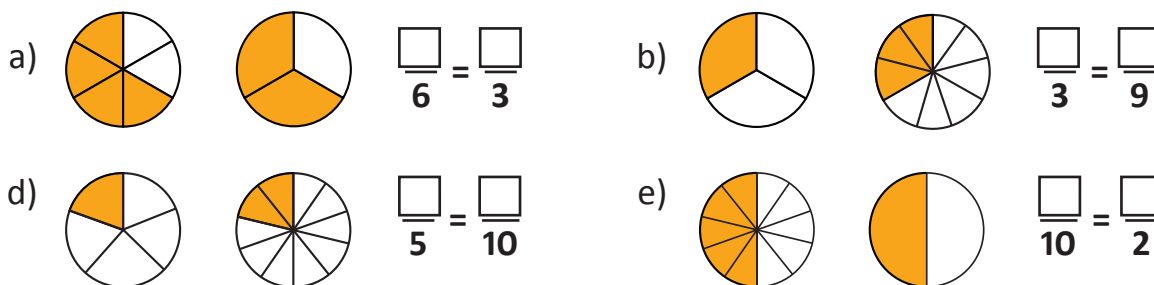


Teng kasrlarni doira bo'laklarida ko'rsatish

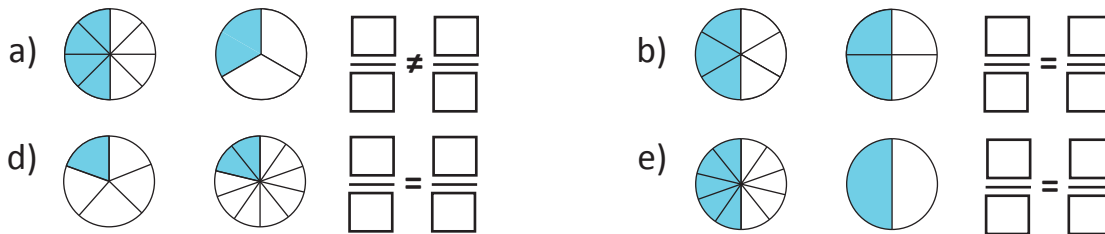
1 $\frac{1}{3}$ kasrga teng bo'lgan shakllarni belgilang.



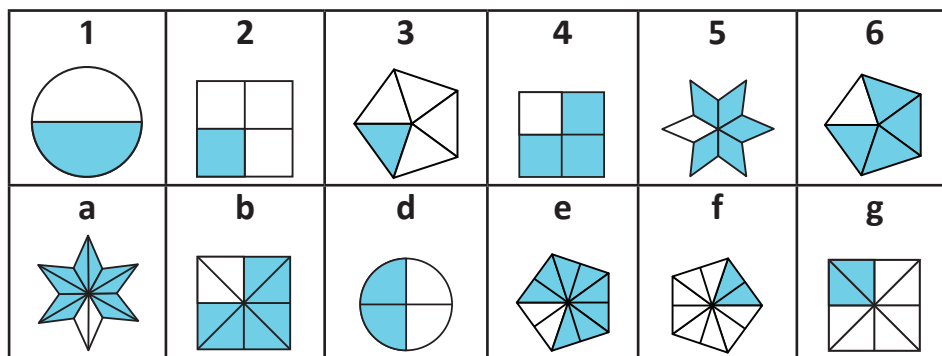
2 Shakllarning bo'yalgan qismlaridan foydalanib, teng kasrlarni yozing.



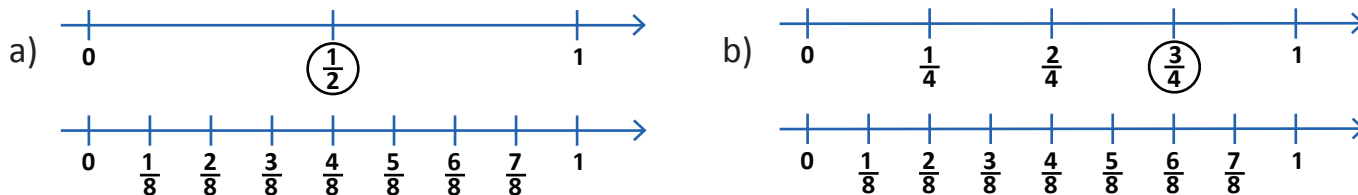
3 Shakllarda ko'rsatilgan kasrlarni yozing. Ularning tengligini aniqlang. Agar kasrlar teng bo'lsa, orasiga "=" belgisini qo'ying.



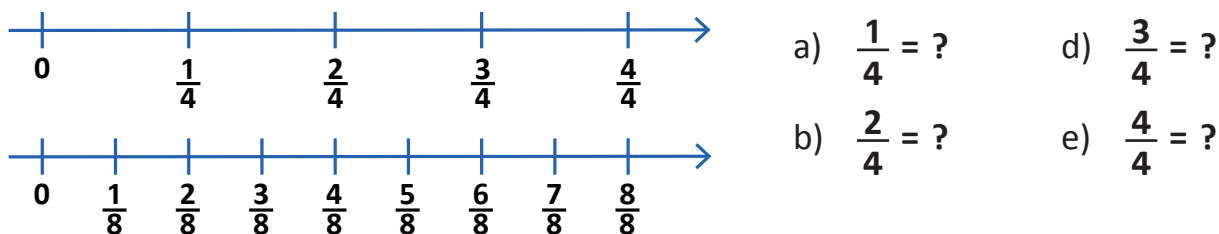
4 Teng juftliklarni toping.



1 Son o'qidan foydalanib, berilgan kasrga teng kasrni ko'rsating.



2 Son o'qidan foydalanib, maxraji 4 bo'lgan barcha kasrlarga maxraji 8 bo'lgan teng kasrlarni yozing.

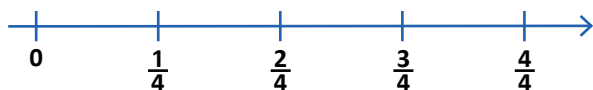


3 Bo'sh kataklarni to'ldiring.

a) $\frac{1}{2} = \frac{\square}{4}$ b) $\frac{1}{2} = \frac{\square}{8}$ d) $\frac{2}{4} = \frac{\square}{8}$ e) $\frac{2}{4} = \frac{\square}{2}$ f) $\frac{4}{8} = \frac{\square}{4}$ g) $\frac{4}{8} = \frac{\square}{2}$



4 Mulohazalar to'g'rimi?



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

ha yo'q

b) $\frac{1}{4} = \frac{3}{8}$

ha yo'q

d) $\frac{2}{4} = \frac{4}{8}$

ha yo'q

e) $\frac{3}{4} = \frac{7}{8}$

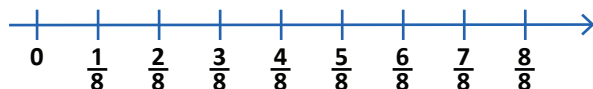
ha yo'q

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

ha yo'q

g) $\frac{2}{4} = \frac{5}{8}$

ha yo'q

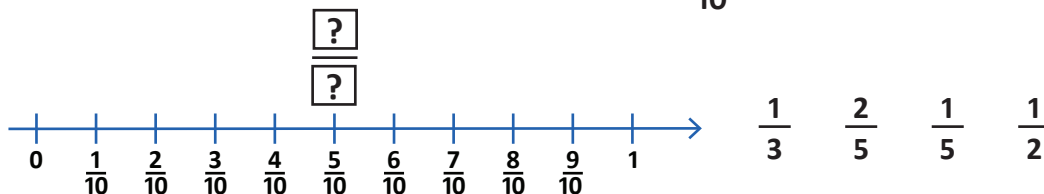


Son o'qida teng kasrlarni ko'rsatish

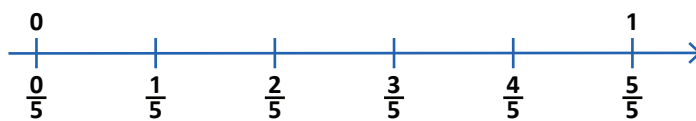
1 Son o'qidan foydalanib, teng kasrlarni yozing.



2 Son o'qi yordamida berilgan kasrlar ichidan $\frac{5}{10}$ kasrga teng kasrni toping.



3 Son o'qidan foydalanib, maxraji 5 bo'lgan barcha kasrlarga teng kasrlarni yozing.

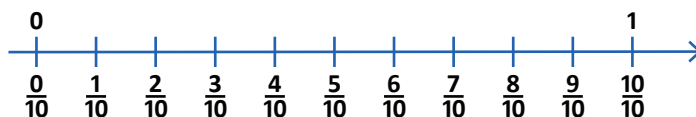


a) $\frac{1}{5} = ?$

e) $\frac{4}{5} = ?$

b) $\frac{2}{5} = ?$

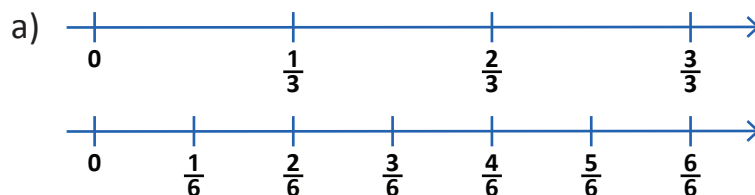
f) $\frac{5}{5} = ?$



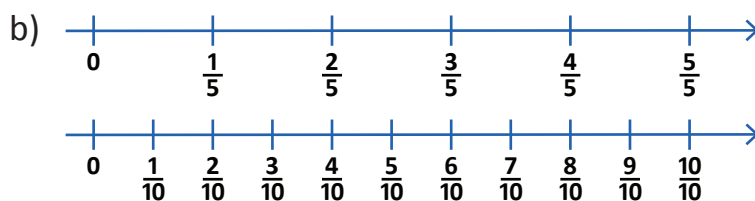
d) $\frac{3}{5} = ?$



4 Son o'qida berilgan kasrlarga teng kasr yozing.



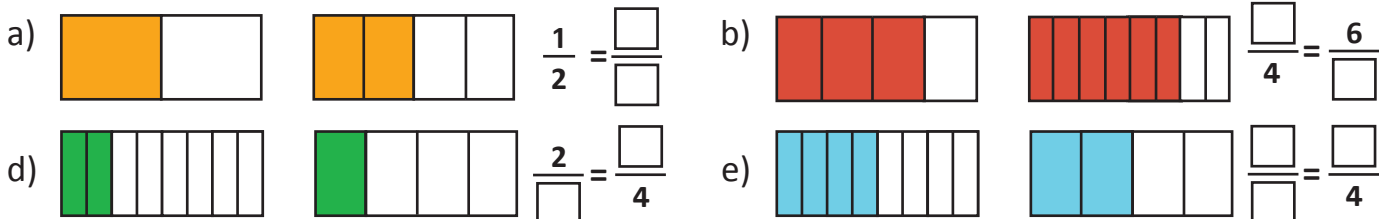
$\frac{1}{3} =$



$\frac{3}{5} =$

Teng kasrlarni ko'rsatish uchun to'g'ri to'rtburchaklardan foydalanish

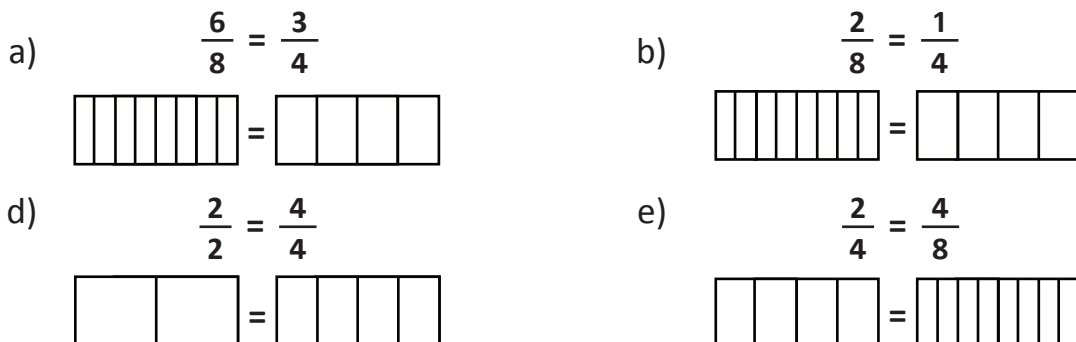
1 Shaklning bo'yalgan qismlaridan foydalanib, teng kasrlarni yozing.



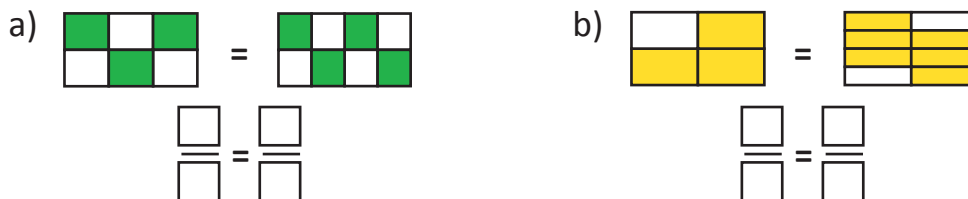
2 Bo'yalgan to'rtburchak shakllar ichidan teng kasrlarni ifodalaydiganlarini belgilang.



3 Teng kasrlarga asoslanib, to'g'ri to'rtburchakni qismlarga bo'ling va ularni bo'yang.



4 Shakllarning bo'yalgan qismlari bo'yicha teng kasrlarni yozing.



5 Javoblarning qaysi birida bo'yalgan qismi $\frac{1}{2}$ ga teng shakllar berilgan?

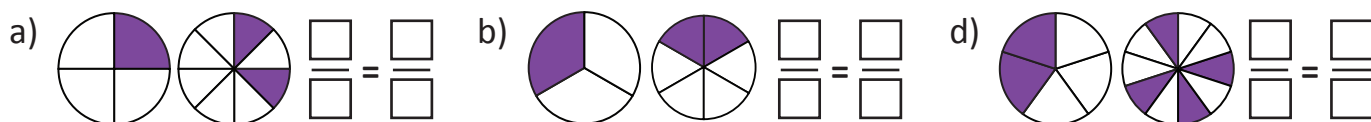


Bo'lim bo'yicha o'tilgan mavzularni takrorlash

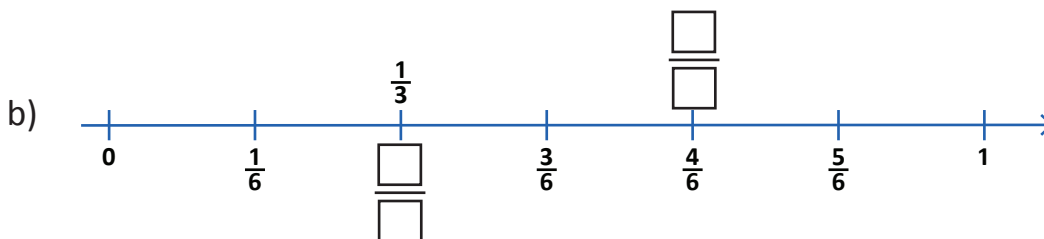
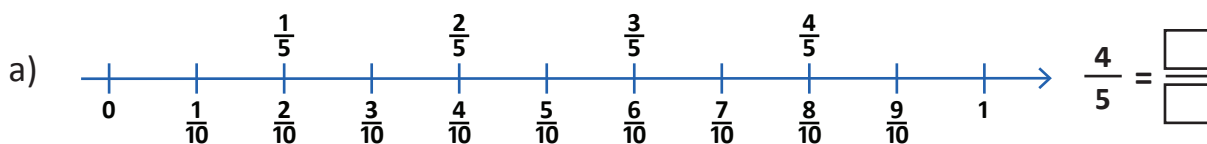
1 Son o'qida berilgan harflarga mos kasrlarni yozing.



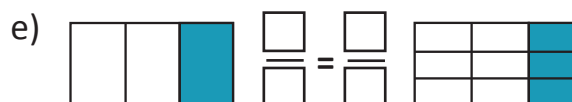
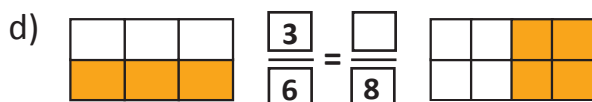
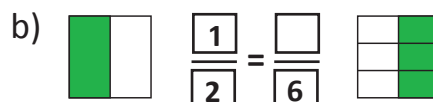
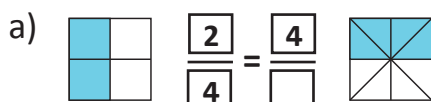
2 Doiraning bo'yalgan qismlaridan foydalanib, teng kasrlarni yozing.



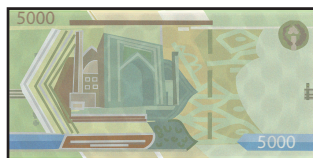
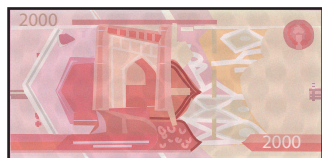
3 Bo'sh kataklarni to'ldiring.



4 Teng kasrlarni to'rtburchakning bo'yalgan qismlari orqali toping.



O'zbekiston Respublikasining milliy pul birligi – so'm. Pul muomalasi pul miqdori ko'rsatilgan banknotalar orqali amalga oshiriladi. Quyida 1000, 2000, 5000 va 10 000 so'mlik banknotalar ko'rsatilgan.



- 1 Rasmlarga diqqat bilan qarang. Har bir bolada qancha pul borligini hisoblab toping.



Anvarda _____
so'm



Saidada _____
so'm



Bahromjonda _____
so'm



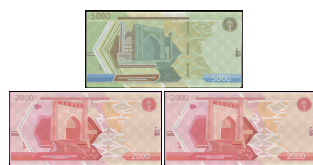
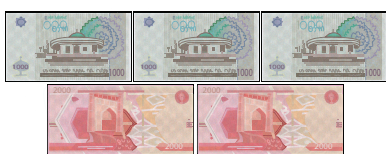
Feruzada _____
so'm

- 2 Farhodning 4000 so'm puli bor. O'rtog'i Akbarda esa 5000 so'm pul bor. Ularda jami necha so'm pul bor?

- 3 Oyisi Tohirga 10 000 so'm pul berdi va unga shu puldan singlisiga 3500 so'mga rasm daftar olib berishini aytdi. Singlisiga rasm daftarni olib berganidan so'ng Tohirda necha so'm pul qoladi?



- 4 Berilgan pul miqdorining umumiy qiymatini hisoblab yozing.











- 5 Malika do'kondan 4000 so'mga daftar, 2000 so'mga ruchka va 1500 so'mga oddiy qalam sotib oldi. U jami necha so'm pul sarf qildi?





Pul muomalasida qog'oz banknotalardan tashqari tanga pullar ham ishlatiladi. Quyida 100, 200, 500 va 1000 so'mlik tanga pullar ko'rsatilgan.







1 Quyida berilgan pul banknotalarini ko'rsatilgan qiymatdagi tanga pullarning nechta bilan almashtirish mumkin?

a)   ta  ta  ta

b)   ta  ta  ta

d)   ta  ta  ta

2 Muniraning 8200 so'm puli bor. U bu pulga quyidagi o'yinchoqlardan qaysi birini sotib olishi mumkin?

<p>Qo'g'irchoq</p>  <p>7500 so'm</p>	<p>Ayiqcha</p>  <p>8500 so'm</p>	<p>O'yinchoq ot</p>  <p>8000 so'm</p>	<p>O'yinchoq lego</p>  <p>9700 so'm</p>
--	--	--	---

3 Nodir oyisiga sovg'a olib berish uchun pul sandiqchasiga yiqqan tanga pullarini olib qarasa, unda 12 ta 500 so'mlik, 14 ta 200 so'mlik va 12 ta 100 so'mlik tanga pul bor ekan. Uning jami qancha puli bor ekan?



4 Manzura rasm to'garagiga qatnashish uchun 1900 so'mga rasm daftar, 3700 so'mga rangli qalamlar va 4100 so'mga akvarel bo'yoqlari sotib oldi. U bu narsalar uchun jami qancha pul sarflagan?

5 Sobir avtobusda chiptachiga 5000 so'mlik qog'oz pul uzatdi. Chiptachi unga 6 ta 500 so'mlik va 4 ta 200 so'mlik tanga pul qaytim bergan bo'lsa, avtobus chiptasining narxi necha pul?

$$\begin{array}{l} A \\ \left. \vphantom{A} \right\} ? \\ B \end{array} \quad ? = A + B$$

$$\begin{array}{l} A \\ \left. \vphantom{A} \right\} B \\ ? \end{array} \quad ? = B - A$$

1 Berilgan masalaning 1- yoki 2-turdagi masala ekanini aniqlang. Masalaning qisqa shartini yozib, uni yeching.

a) Zafar o'quv qurollari do'konidan 10000 so'mga daftar va rangli qalamlar sotib oldi. Agar daftarning narxi 3000 so'm bo'lsa, rangli qalamlar narxini toping.



b) Jahongir novvoyxonadan 3000 so'mga oddiy non va 5000 so'mga patir sotib oldi. U xarid uchun jami qancha pul sarflagan?



2 Sxema asosida masala tuzing va uni yeching.

$$\begin{array}{l} a) \ A = 4000 \text{ so'm} \\ \left. \vphantom{A} \right\} ? \\ \ B = 3000 \text{ so'm} \end{array}$$

$$\begin{array}{l} b) \ A = 2000 \text{ so'm} \\ \left. \vphantom{A} \right\} B = 6000 \text{ so'm} \\ \ ? \end{array}$$

3 1- va 2-turlarga doir masala tuzing va ularni yeching.



4 Sxema asosida masala tuzing va uni yeching.

$$\begin{array}{l} a) \ A = 4000 \text{ so'm} \\ \left. \vphantom{A} \right\} B = 9000 \text{ so'm} \\ \ ? \end{array}$$

$$\begin{array}{l} b) \ A = 3000 \text{ so'm} \\ \left. \vphantom{A} \right\} ? \\ \ B = 7000 \text{ so'm} \end{array}$$

5 1- va 2-turlarga doir masala tuzing va ularni yeching.



Pul bilan bog'liq masalalar tuzish va yechish

1 Berilgan masalaning 1- yoki 2-turdagi masala ekanini aniqlang. Masalaga qisqa shart tuzing va uni yeching.

a) Ibrohimning 8300 so'm puli bor edi. U 2500 so'mga olma sharbati sotib oldi. Ibrohimning necha so'm puli qoldi?

b) Azizaning 4200 so'm puli bor edi. Unga oyisi yana 5700 so'm pul berdi. Azizada necha so'm pul bo'ldi?

2 Rasm asosida masala tuzing va uni yeching.

a)  -  = ? so'm
8000 so'm 5500 so'm



b)  +  = ? so'm
2800 so'm 500 so'm



3 Yig'indini topishga doir (1-tur) masala tuzing va uni yeching.

4 Qolgan qismni topishga doir (2-tur) masala tuzing va uni yeching.



5 Rasm asosida masala tuzing va uni yeching.

a)  -  = ? so'm
4720 so'm 4350 so'm

b)  +  = ? so'm
5600 so'm 2500 so'm

6 Yig'indi va qolgan qismni topishga doir bittadan masala tuzing va ularni yeching.

Miqdorlar farqiga doir

1. I - A, ? qanchaga >

$$? = A - B$$

II - B Bunda $A > B$

2. I - A, bu B ga <

$$? = A + B$$

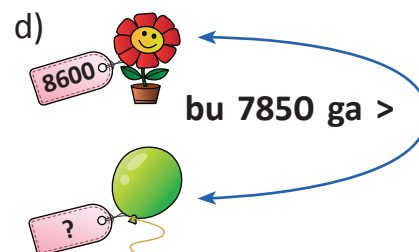
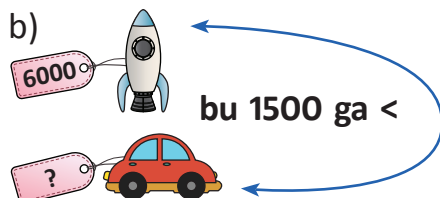
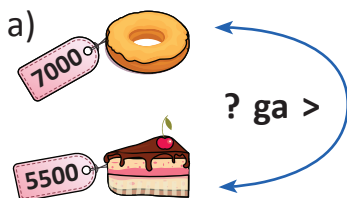
II - ?

3. I - A, bu B ga >

$$? = A - B$$

II - ?

1 Rasm asosida masala tuzing va uni yeching.



2 Rasmlarda mahsulotlar narxlarini bilan berilgan. Quyidagi savollarga javob bering.



a) O'rdakcha qalamdan 300 so'mga qimmatmi?

- Ha
 Yo'q

d) Xot-dog muzqaymoqdan 2000 so'mga qimmatmi?

- Ha
 Yo'q

b) O'rdakchani narxi varrakning narxidan 500 so'mga arzonmi?

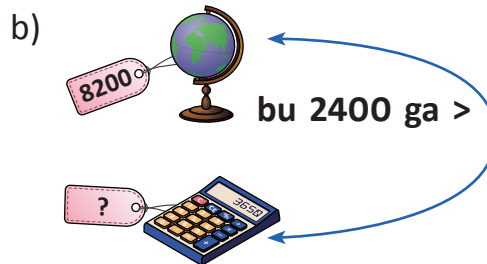
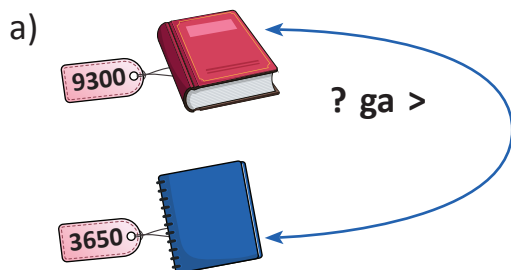
- Ha
 Yo'q

e) Bositning 8200 so'm puli bor edi. Uning jo'xori va xot-dog sotib olishga puli yetadimi?

- Ha
 Yo'q



3 Rasm asosida masala tuzing va uni yeching.

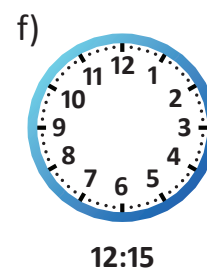
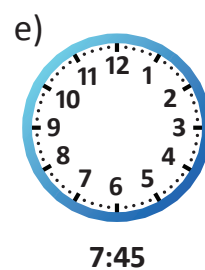
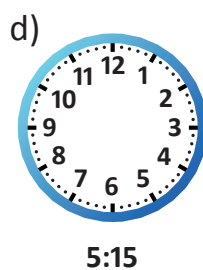
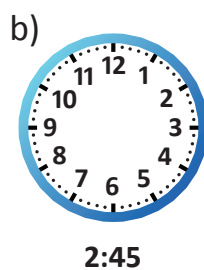
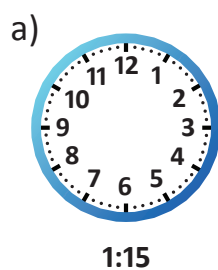


4 Miqdorlar farqiga doir 3 xil masala tuzing va ularni yeching.

1 Raqamli soatda berilgan vaqtni analog soat maketida ko'rsating.



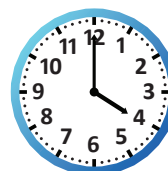
2 Soat millarini berilgan vaqtga asoslanib chizing.



3 Soat millari berilgan vaqtni ifodalayotgan soatni toping.

a) chorakta kam bir

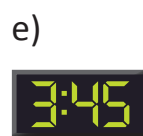
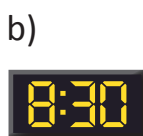
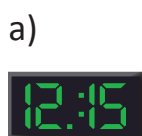
b) bir yarim



4 Raqamli soatda ko'rsatilgan vaqtni analog soatda chizib ko'rsating.



5 Raqamli soatda berilgan vaqtni analog soat maketida ko'rsating.



1 Bo'sh kataklar o'rnini to'ldiring.

- a) $60 \text{ s} = \underline{\hspace{1cm}} \text{ min}$ b) $60 \text{ min} = \underline{\hspace{1cm}} \text{ h}$ d) $\underline{\hspace{1cm}} \text{ h} = 1 \text{ kun}$
e) $7 \text{ kun} = \underline{\hspace{1cm}} \text{ hafta}$ f) $12 \text{ oy} = \underline{\hspace{1cm}} \text{ yil}$ g) $100 \text{ yil} = \underline{\hspace{1cm}} \text{ asr}$
h) $1 \text{ yil} = \underline{\hspace{1cm}} \text{ yoki } \underline{\hspace{1cm}} \text{ kun}$ i) $1 \text{ oy} = \underline{\hspace{1cm}} \text{ yoki } \underline{\hspace{1cm}} \text{ kun}$ j) $1 \text{ yil} = \underline{\hspace{1cm}} \text{ hafta}$

2 Bo'sh kataklar o'rnini to'ldiring.

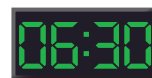
- a) $2 \text{ h} = \underline{\hspace{1cm}} \text{ s}$ b) $3 \text{ min } 25 \text{ s} = \underline{\hspace{1cm}} \text{ s}$ d) $5 \text{ kun} = \underline{\hspace{1cm}} \text{ min}$
e) $4 \text{ asr } 45 \text{ yil} = \underline{\hspace{1cm}} \text{ yil}$ f) $3 \text{ hafta} = \underline{\hspace{1cm}} \text{ h}$ g) $150 \text{ min} = \underline{\hspace{1cm}} \text{ h } \underline{\hspace{1cm}} \text{ min}$
h) $610 \text{ oy} = \underline{\hspace{1cm}} \text{ yil } \underline{\hspace{1cm}} \text{ oy}$ i) $2 \text{ asr} = \underline{\hspace{1cm}} \text{ oy}$ j) $336 \text{ h} = \underline{\hspace{1cm}} \text{ hafta}$



3 Mosini toping va harflarga mos sonlarni yozing.

- | | |
|---------------------------|-------------------------------------|
| a) 12 oy | 1) 60 s |
| b) 28 kun | 2) 72 h |
| d) 1 min. | 3) 4 hafta |
| e) 100 yil | 4) 7 dan 45 daqiqa, 36 sekund o'tdi |
| f) 3 kun | 5) 12:33 |
| g) 10 asr | 6) 24 h |
| h) 12 dan 33 daqiqa o'tdi | 7) 1000 yil |
| i) 1 kun | 8) 1 yil |
| j) 7:45:36 | 9) 1 asr |
| k) 3 yil | 10) 3 min |
| l) 180 s | 11) 210 min |
| m) 3 h 30 min | 12) 36 oy |

- 1 Hozir soat ertalabki 6:30. Agar oradan 3 soat o'tsa, soat millari qaysi vaqtni ko'rsatadi?



- 2 Iroda uy vazifalarini 19:21 da bajarishni boshladi. U barcha uy vazifalarini yakunlaganda, soat millari 20:30 ni ko'rsatayotgan edi. Iroda uy vazifalarini bajarish uchun qancha vaqt sarflagan?

- 3 Anvar va Salim kitob o'qishni yaxshi ko'radi. Anvar soat 17:45 dan 18:30 gacha, Salim esa 16:30 dan 17:25 gacha kitob o'qigan bo'lsa, qaysi biri kitob o'qish uchun ko'proq vaqt ajratgan?

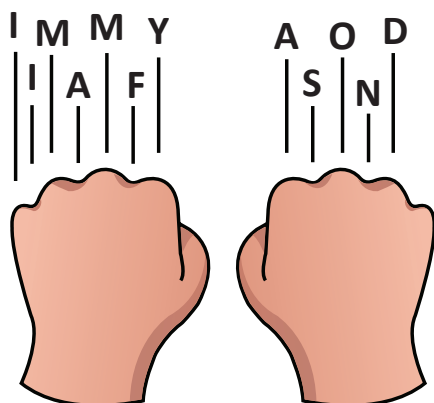


- 4 Savollarga javob bering.

- Bu yerda qaysi oy berilgan?
- Bu oy haftaning qaysi kundan boshlanadi?
- Bu oy haftaning qaysi kunida yakunlanadi?
- Bu oyda nechta to'liq hafta bor?
- Men qaysi kunlari musiqa to'garagiga boraman?
- Bu oyda nechta payshanba bor?
- Qaysi kunlari kutubxonaga boraman?
- Bu oyda necha kun bor?
- Qaysi kuni teatrqa boraman?
- Bu oydan keyin qaysi oy keladi?
- Bu oydan keyin qaysi yil keladi?

DEKABR, 2021						
Dush	Sesh	Chor	Pay	Jum	Shan	Yak
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

- 1 Bir oydagi kunlar sonini eslatuvchi yana bir usul – bu barmoq bo'g'inlaridir. Tepaliklar 31 kun, bo'g'inlar orasi 30 kundan deb hisoblang. Fevral 28 kun. Kabisa yilida esa fevral 29 kun bo'ladi. Har bir oyning kunlar sonini yozib chiqing.



Oy	Kun
Yanvar	
Fevral	
Mart	
April	
May	
Iyun	

Oy	Kun
Iyul	
Avgust	
Sentabr	
Oktabr	
Noyabr	
Dekabr	

- 2 a) Akbar 1 soat 35 daqiqa dam olmasdan kitob o'qidi. U necha daqiqa kitob o'qigan? b) Salim amaliy mashg'uloti uchun 1 kunda 3 soat vaqt ajratadi. U bir haftada necha daqiqa amaliy mashg'ulot bilan shug'ullanadi?

- 3 Maqsud ukasi bilan film tomosha qilmoqchi. Film 118 daqiqa davom etadi. Maqsudning 2 soat bo'sh vaqti film tamosha qilish uchun yetadimi?



- 4 Malika maktabdan kelib, 15:20 dan 16:30 gacha uy vazifalarini tayyorladi. U 16:40 dan 17:45 gacha o'rtoqlari bilan o'ynadi. Malika qaysi mashg'ulot uchun ko'p vaqt sarflagan: dars tayyorlashgami yoki o'yin o'ynashga?
- 5 Sardor va Mansur musiqa to'garagiga boradi. Sardorning mashg'uloti soat 09:30 da boshlanib, soat 10:15 da tugaydi. Mansurning mashg'uloti Sardornikidan 10 daqiqadan so'ng boshlanadi va 10:40 da tugaydi. Kimning mashg'uloti ko'proq davom etadi?

- 1 Nigina 8700 so'mga kitob sotib olmoqchi bo'ldi. U sotuvchiga 10000 so'm pul berdi. Sotuvchi Niginaga qancha qaytim beradi?



- 2 Nodir 3790 so'mga ruchka, 4200 so'mga kitob, 1450 so'mga qalam olmoqchi bo'ldi. U sotuvchiga 10000 so'm pul berdi. Nodir olgan jami narsalar necha so'm va sotuvchi unga qancha qaytim beradi?



- 3 Vaqt o'lchov birliklari orasidagi munosabatlarni toping.

hafta	kun	soat	daqiq	sekund
1	?	?	-	-
-	3	?	?	-
-	-	?	480	?
-	?	96	?	-

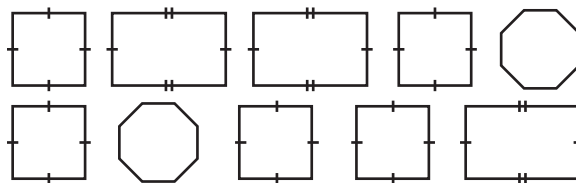


- 4 Teatrda kechqurun soat 19:05 da boshlangan tomoshaning 1-qismi 19:55 da tugadi. Bir muddat tanaffusdan so'ng 2-qismi 20:10 da boshlandi va 20:45 da tugadi. Namoyishning qaysi qismi ko'proq vaqt davom etgan? Qancha vaqt tanaffus bo'lgan?

- 5 Umumiy pul miqdorini toping.



- 1 Shakllar orasidan to'g'ri to'rtburchaklarni ko'k, kvadratlarni esa sariq rangga bo'yang.

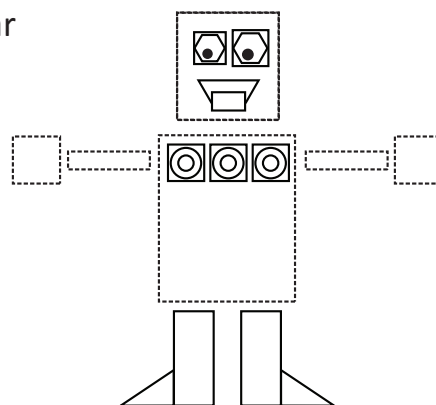


- 2 Shaklga mos xossani belgilang.

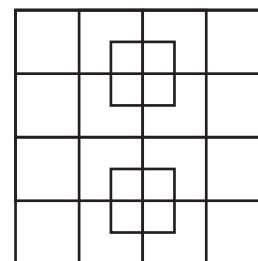
Xossalar	Kvadrat	To'g'ri to'rtburchak
Barcha burchaklari to'g'ri burchak		
Barcha tomonlari teng		
Qarama-qarshi tomonlari teng		
Diagonallari teng		
Diagonallari orasidagi burchak – to'g'ri burchak		

- 3 Berilgan rasmdagi kvadrat va to'g'ri to'rtburchaklar sonini sanab, mos katakchalarga yozing.

Nomi	Soni
Kvadratlar	
To'g'ri to'rtburchaklar	

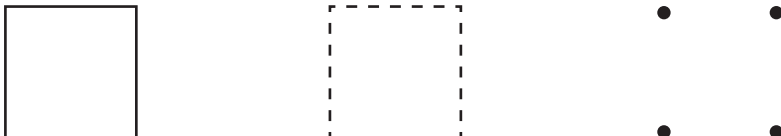


- 4 Berilgan rasmdagi kvadrat va to'g'ri to'rtburchaklar sonini hisoblang.




Kvadrat va to'g'ri to'rtburchaklar chizish



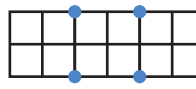
1 Kvadratni bo'yang. Kvadratni aylantirib chizing. Nuqtalarni tutashtirib, kvadrat chizing. Kvadrat chizing.



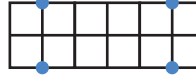


2 To'g'ri to'rtburchakni bo'yang. To'g'ri to'rtburchakni aylantirib chizing. Nuqtalarni tutashtirib, to'g'ri to'rtburchak chizing. To'g'ri to'rtburchak chizing.



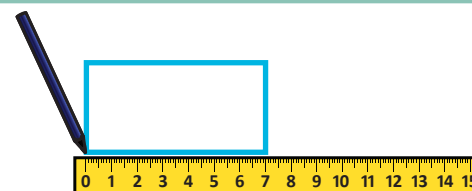
3 Ko'k nuqtalarni tutashtirib, kvadrat va to'g'ri to'rtburchaklar chizing. Ularning diagonallarini o'tkazing.

a)   

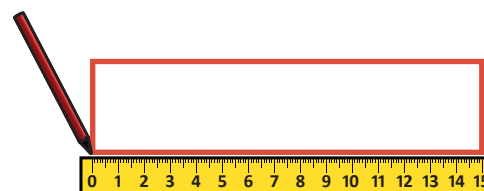
b)   



4 Quyida ko'rsatilgan kvadrat va to'g'ri to'rtburchakni daftaringizga chizg'ich yordamida chizing.



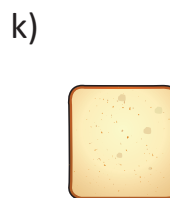
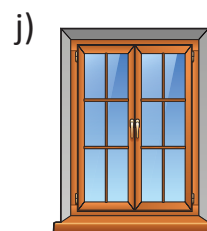
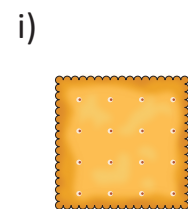
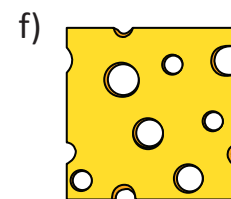
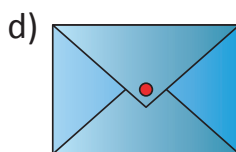
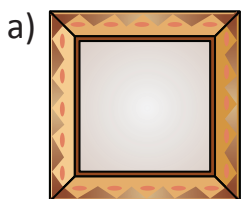
5 a) 2 ta to'g'ri to'rtburchak va 1 ta kvadrat chizing.
b) Tarkibida 2 ta kvadrat bo'lgan to'g'ri to'rtburchak chizing.



1 Berilgan predmetlarning qaysi biri to'g'ri to'rtburchak va qaysi biri kvadrat shaklida?

To'g'ri to'rtburchak:

Kvadrat:



2 Berilgan shakllardan to'g'ri to'rtburchak va kvadratlar sonini toping.

To'g'ri to'rtburchaklar soni:

Kvadratlar soni:

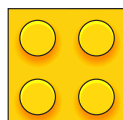


3 Kundalik hayotda ishlatiladigan kvadrat shakliga ega predmetlarga 3 ta misol keltiring va ularni chizib ko'rsating.

4 Tevarak-atrofimizdagi to'g'ri to'rtburchak shakliga ega buyum va jihozlarga 3 ta misol keltiring va ularni chizib ko'rsating.



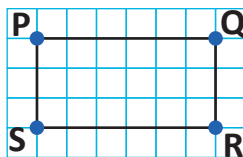
5 Berilgan obyektlar tagiga shaklining nomini yozing.



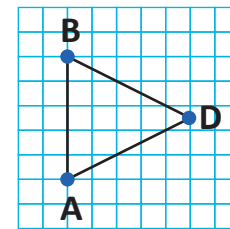
6 Kvadrat yoki to'g'ri to'rtburchak shaklidagi bino va inshootlarga misol keltiring va chizib ko'rsating.

Tomonlari uzunliklari berilgan ko'pburchaklar chizish

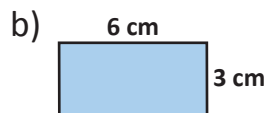
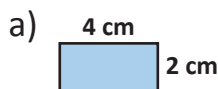
- 1 a) PQRS to'g'ri to'rtburchakning tomonlari uzunligini chizg'ich bilan o'lchang va katakli daftarga chizing.



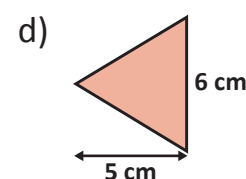
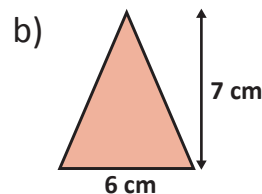
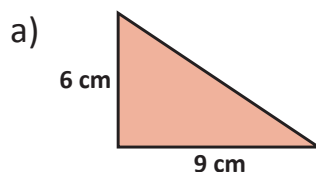
- b) ABD uchburchakning tomonlarini chizg'ich bilan o'lchang va katakli daftarga chizing.



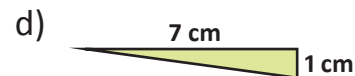
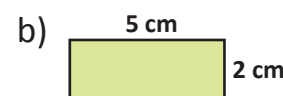
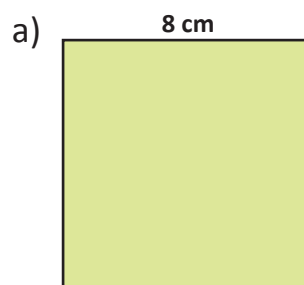
- 2 Berilgan o'lchamdagi shakllarni katak daftariga chizing. Uchlarini harflar bilan belgilang.



- 3 Berilgan o'lchamdagi shakllarni katak daftariga chizing. Uchlarini harflar bilan belgilang.



- 4 Berilgan o'lchamdagi shakllarni katak daftariga chizing. Uchlarini harflar bilan belgilang.





- 5 Berilgan shakllarni katak daftariga chizing. Uchlarini harflar bilan belgilang.

- a) Tomonlari 5 cm va 4 cm bo'lgan ABDE to'g'ri to'rtburchak chizing.
 b) Tomonlari 6 cm bo'lgan PRST kvadrat chizing.
 d) Tomonlari 5 cm, 6 cm va 8 cm bo'lgan KLM uchburchak chizing.

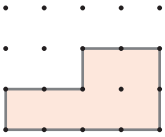
Tomonlari uzunliklari berilgan ko'pburchaklar perimetri va yuzini topish

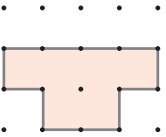
1 Berilgan shakllarning perimetrini toping. Uchlarini harflar bilan belgilang.

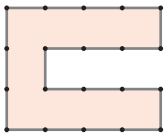
a)  $P = _ + _ + _ + _ = _ \text{ cm}$

b)  $P = _ + _ + _ + _ = _ \text{ cm}$

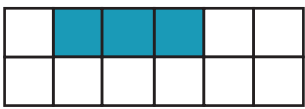
2 Nuqtalar orasi 1 cm. Nuqtali qog'ozda chizilgan shakllarning perimetrini toping.


a)  $P = _ \text{ cm}$

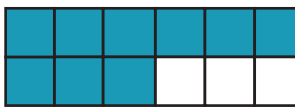
b)  $P = _ \text{ cm}$

d)  $P = _ \text{ cm}$

3 Ko'k rangdagi shakllarning yuzini toping. Bunda 1 katak = 1 cm².

a)  $_ \text{ cm}^2$

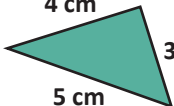
b)  $_ \text{ cm}^2$

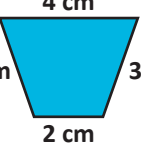
d)  $_ \text{ cm}^2$

4 Katakli qog'ozga yuzi 6 cm² bo'lgan 4 xil shakl chizing va ularni bo'yang. Uchlarini harflar bilan belgilang.

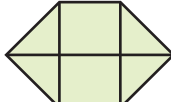
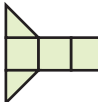


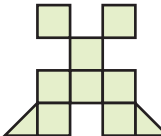
5 Berilgan shakllarning perimetrini toping.

a)  $P = _ + _ + _ = _ \text{ cm}$

b)  $P = _ + _ + _ + _ = _ \text{ cm}$

6 Shakllarning yuzini toping. Bunda 1 katak = 1 cm².

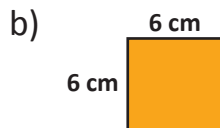
a)  b) 

d) 

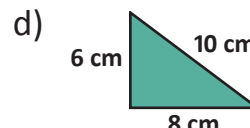
1 Shakllarning perimetrini toping. Perimetrni hisoblash uchun formulani kiriting.



$$P = _ + _ + _ + _ = _ \text{ cm}$$



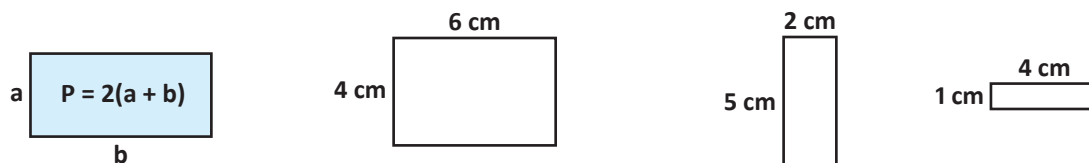
$$P = _ + _ + _ + _ = _ \text{ cm}$$



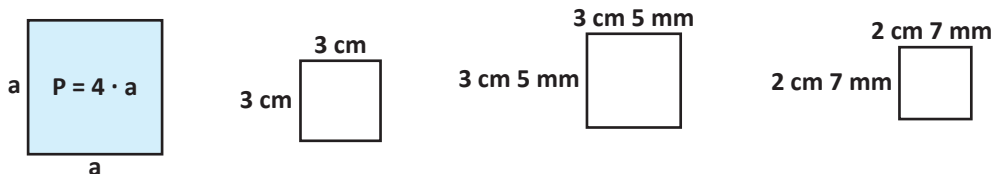
$$P = _ + _ + _ = _ \text{ cm}$$

2 Formuladan foydalanib, shakllarning perimetrini hisoblang.

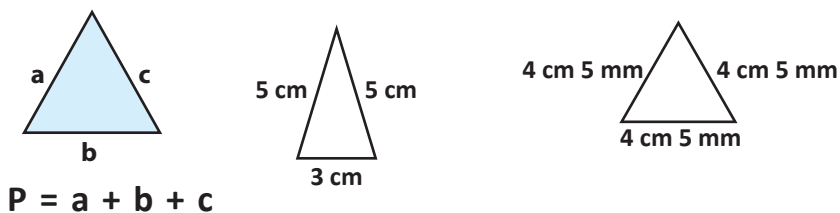
a) bo'yi a va eni b bo'lgan to'g'ri to'rtburchak P perimetri:



b) Tomoni a ga teng kvadratning P perimetri formulasi:



d) Tomonlari a , b va c bo'lgan turli tomonli uchburchak P perimetri:



3 Tomonlari uzunliklari a va b hamda perimetri P bo'lgan to'g'ri to'rtburchak uchun jadvalni to'ldiring.

a	10 cm	14 mm	5 dm	35 m		20 mm
b	5 cm	7 mm	8 dm		24 m	
P				200 m	120 m	120 mm

- 1 Bo'yi 18 m va eni 16 m bo'lgan to'g'ri to'rtburchak shaklidagi bolalar o'yin maydonchasini panjara bilan o'rash uchun qancha panjara kerak bo'ladi?

- 2 Masalani yeching. Chizmani chizing.

Lobar va Sardor chizgan rasmlari ramkasi atrofini yulduzchalar bilan bezamoqchi bo'ldilar. Lobarning ramkasi kvadrat, Sardorniki esa to'g'ri to'rtburchak shaklida. Lobar chizgan ramkaning tomoni uzunligi Sardor chizgan ramkaning kichik tomoniga teng. Kim o'z ramkasiga ko'proq yulduzcha chizgan?



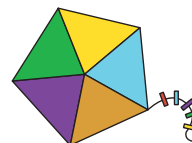
- 3 Masalani yeching.

- a) Tikuvchi to'g'ri to'rtburchak shaklidagi matoning chetlarini bezash uchun 12 metr tasma oldi. Agar matoning eni 2 m 25 cm, bo'yi 3 m 20 cm bo'lsa, qancha tasma ortib qoladi?
- b) Tomoni 35 cm bo'lgan kvadrat shaklidagi ramkani uch qavat tasma bilan bezash uchun qancha tasma kerak bo'ladi?



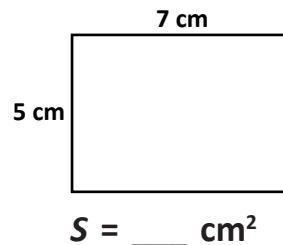
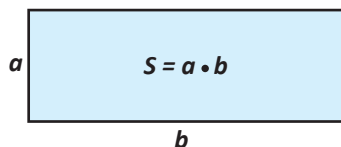
- 4 Masalani yeching.

- a) Barcha qirralari teng bo'lgan beshburchak shaklidagi varrakning perimetri 95 cm. Uning 3 ta tomonining umumiy uzunligini toping.
- b) Bo'yi 280 m, eni 190 m bo'lgan to'g'ri to'rtburchak shaklidagi gulzor atrofini panjara bilan o'rash kerak. Ushbu gulzorga jami qancha panjara ketadi?

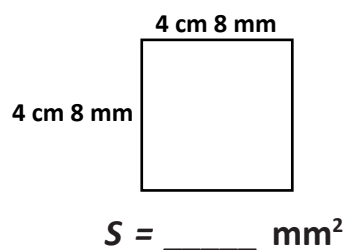
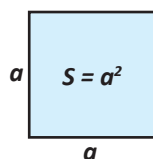


1 Formuladan foydalanib, shakllarning yuzini toping.

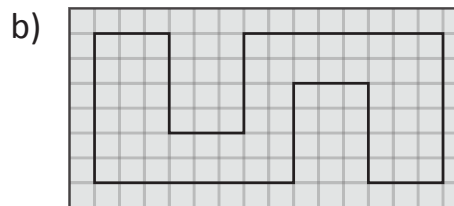
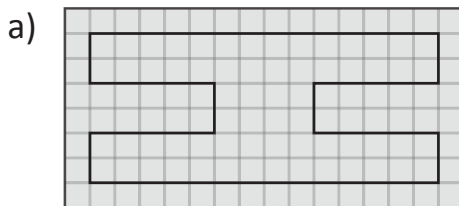
a) Bo'yi a va eni b ga teng to'g'ri to'rtburchakning S yuzi



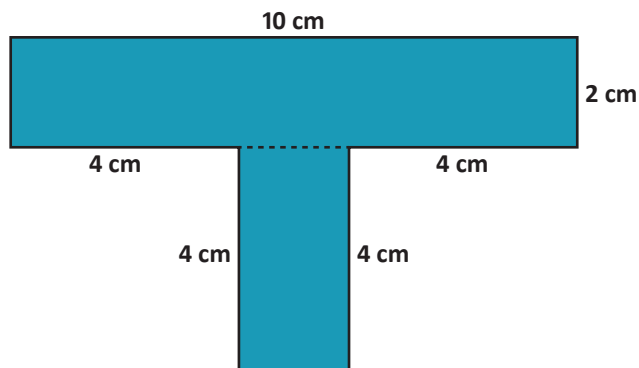
b) Tomoni a ga teng kvadratning S yuzi



2 Bitta kichkina kvadratchaning yuzi 1 dm^2 ga teng bo'lsa, shakllarning yuzini toping.



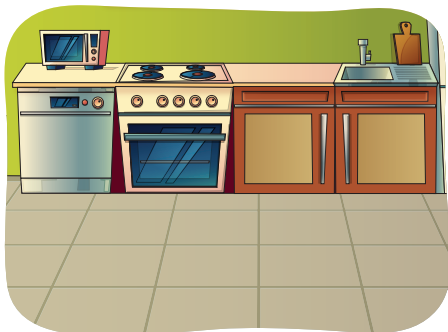
3 Berilgan shaklning yuzini toping.



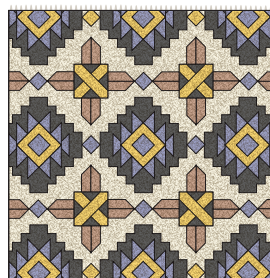
- 1 Rasm uchun kvadrat shaklida ramka sotib olindi. Uning bir tomoni 13 cm ga teng. Ushbu ramkaning yuzini toping.

- 2 Masalani yeching.

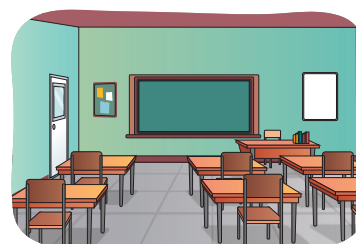
- a) Usta oshxona polini kafel bilan qoplamoqchi. Agar polning uzunligi 3 metr va kengligi 4 metr bo'lsa, unga necha m^2 plitka kerak bo'ladi?



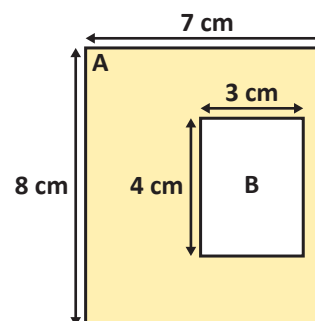
- b) Lazizaning yotoqxonasi kvadrat shaklida bo'lib, tomonining uzunligi 4 m ni tashkil qiladi. Lazizaga yotoqxonasining polini qoplash uchun qancha kattalikdagi gilam kerak bo'ladi?



- 3 Sinfxonadagi partaning uzunligi 1 m, kengligi 50 cm. Shu partaning yuzi necha cm^2 ga teng?

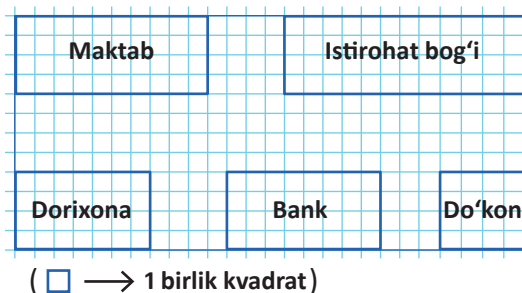


- 4 Tomonlari 7 cm va 8 cm bo'lgan **A** to'rtburchak chizing. Undan tomonlari 3 cm va 4 cm bo'lgan **B** to'rtburchakni kesib oling. Qolgan shaklning yuzini toping.



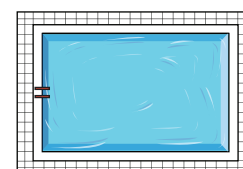
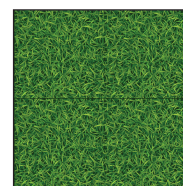
1 Akmal o'qituvchisi bergan uy vazifasini bajarish uchun katak qog'ozga quyidagi binolarning eskizini chizdi. Birlik kvadratlardan foydalanib, eskiz bo'yicha shakllarning perimetri va yuzini toping.

- a) Maktab atrofi ___ birlikdan iborat;
Maktab yuzi ___ birlik kv.dan iborat;
- b) Bog'ning atrofi ___. birlikdan iborat;
Bog'ning yuzi ___. birlik kv. dan iborat;
- d) Dorixona atrofi ___ birlikdan iborat;
Dorixona yuzi ___ birlik kv.dan iborat;
- e) Bankning atrofi ___ birlikdan iborat;
Bankning yuzi ___ birlik kv.dan iborat;
- f) Do'konning atrofi ___ birlikdan iborat;
Do'konning yuzi ___ birlik kv. iborat;



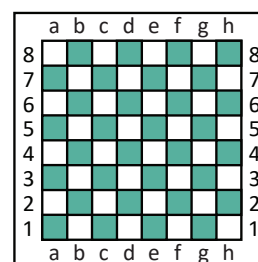
2 Masalani yeching.

- a) Kvadrat shaklidagi maydon 104 m perimetrga ega. Uning tomoni va maydonning yuzini toping.
- b) Bo'yi 8 m, eni 6 m bo'lgan to'g'ri to'rtburchak haklidagi basseynning perimetri va yuzini toping.

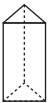
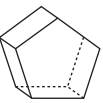
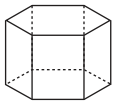


3 Masalani yeching.

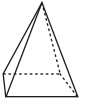
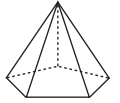
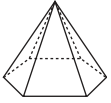
- a) Shaxmat doskasi 64 ta kvadratchalardan iborat bo'lib, har bir kvadratchaning tomoni 4 cm. Ushbu shaxmat doskasining perimetri va yuzini hisoblang.
- b) Kvadrat shaklidagi shaxmat doskasining perimetri $P = 4$ cm ga teng. Agar kvadratning perimetrini 2 marta orttirsak, uning yuzi qanday o'zgaradi?



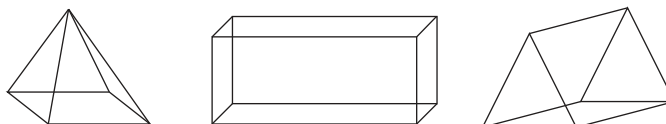
1 Berilgan prizmalarning nomi va elementlar sonini jadvalga yozing.

			
Nomi			
Yoqlari soni			
Uchlari soni			
Qirralari soni			

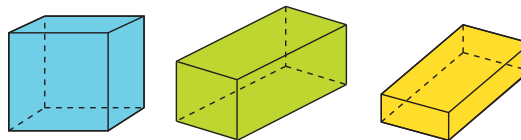
2 Berilgan piramidalarning nomi va elementlar sonini jadvalga yozing.

			
Nomi			
Yoqlari soni			
Uchlari soni			
Qirralari soni			

3 Mahliyo tayoqchalar va plastilindan fazoviy jism yasadi. U 9 ta tayoqcha va 6 bo'lak plastilin ishlatdi. U o'ng tarafdagi berilgan jismlardan qay birini yasadi?



4 Kub, parallelepiped va to'rtburchakli prizmaning o'xshash va farqli tomonlarini yozing.

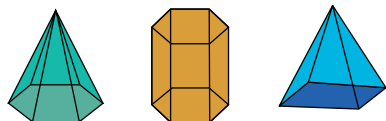


O'xshashligi:

Farqi:

5 Tavsifni o'qing va mos keluvchi ko'pyoqni aylana bilan belgilang.

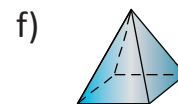
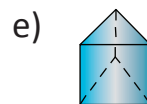
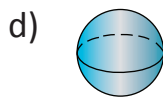
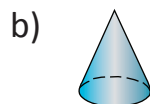
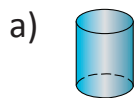
a) 5 ta yoqi, 8 ta qirrasini, 5 ta uchi bor









b) 6 ta yoqi, 12 ta qirrasini, 8 ta uchi bor



1 Berilgan fazoviy jismlarning nomini yozing.



2 Rasmda berilgan jismlarni ularga mos tavsifi bilan birlashtiring.

1) Ikkala asosi teng doiralarda, to'g'ri to'rtburchakni bir tomoni atrofida aylantirishdan hosil bo'lgan	a) 	e) 
2) Asosi ko'pburchak, yon tomonlari uchburchaklar	b) 	f) 
3) Asosi doira, bitta uchi bor, to'g'ri burchakli uchburchakni bir yon tomoni atrofida aylantirishdan hosil bo'lgan	d) 	g) 
4) Fazoda berilgan nuqtadan teng uzoqlikda joylashgan barcha nuqtalar to'plami		
5) Qirralari 12 ta, yoqlari 6 ta, uchlari 8 ta, barcha yoqlari kvadrat		
6) Qirralari 12 ta, yoqlari 6 ta, uchlari 8 ta, asosi va yon tomonlari to'g'ri to'rtburchaklar		

3 Rasmdagi konuslarni qizil, sharlarni esa yashil rangga bo'yang. Nechta konus va nechta shar borligini yozing.



Konuslar: ____ ta

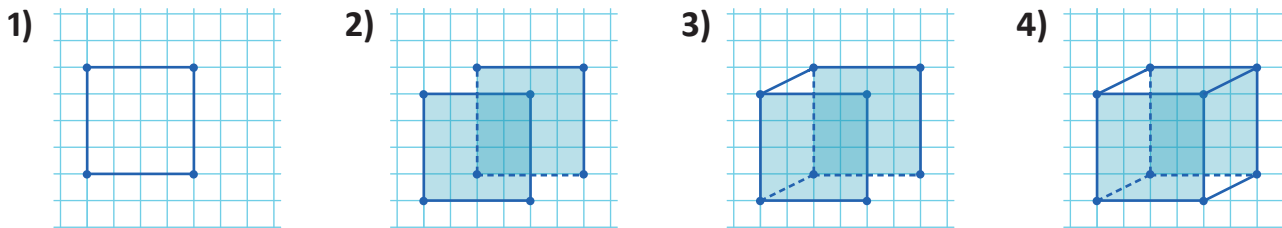
Sharlar: ____ ta



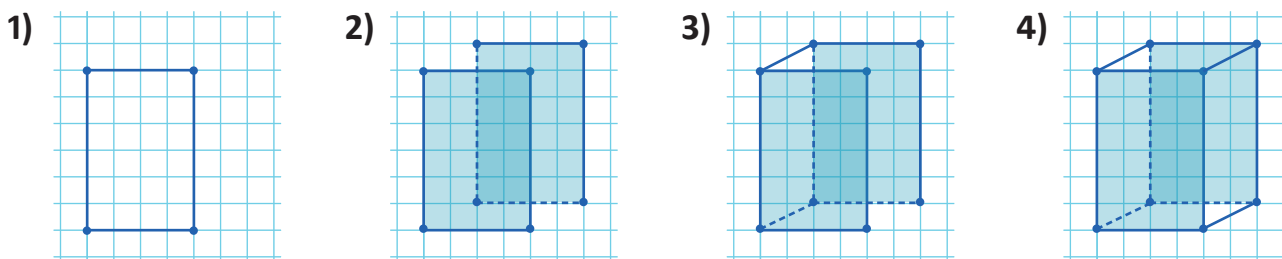
4 Berilgan tavsiflarning to'g'ri yoki noto'g'riligini aniqlang.

a) 6 ta yoqi kvadrat bo'lgan fazoviy jism kub deyiladi	<input type="checkbox"/> Ha	<input type="checkbox"/> Yo'q
b) Sharining bitta uchi bor va uning barcha nuqtalari shu uchidan teng uzoqlikda yotadi	<input type="checkbox"/> Ha	<input type="checkbox"/> Yo'q
d) Prizmaning yon yoqlari uchburchaklardan iborat	<input type="checkbox"/> Ha	<input type="checkbox"/> Yo'q
e) Konusning asosi aylana va aylananing barcha nuqtalari konusning uchi bilan tutashadi	<input type="checkbox"/> Ha	<input type="checkbox"/> Yo'q

1 Berilgan qadamma-qadam yo'riqnoma bo'yicha daftaringizga kub chizing.



2 Berilgan qadamma-qadam yo'riqnoma bo'yicha daftaringizga parallelepiped chizing.

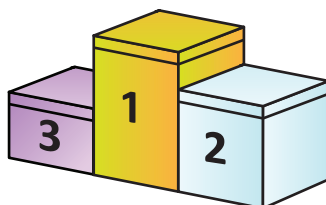


3 Tomonlari 3 katak, 5 katak va 7 katakka teng bo'lgan 3 ta kubni yonma-yon chizing va ularni har xil rangga bo'yang.



4 Kub va parallelepiped shakllarini ishlatgan holda biror bino rasmini chizing.

5 Kub va parallelepiped shakllarini ishlatgan holda quyidagi ko'rinishdagi g'oliblar minbarini chizing.



Bo'lim bo'yicha o'tilgan mavzularni takrorlash

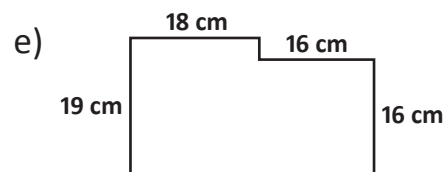
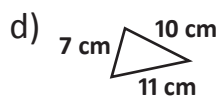
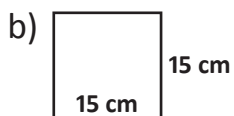
1 Berilgan shakllarni katak daftariga chizing. Uchlarini harflar bilan belgilang.

a) Tomonlari 4 cm va 3 cm bo'lgan ABDE to'g'ri to'rtburchak chizing.

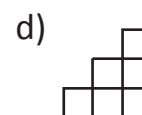
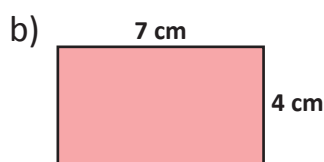
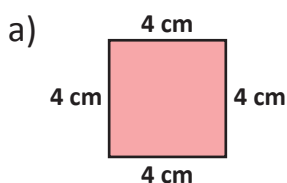
b) Tomonlari 5 cm bo'lgan FEGH kvadrat chizing.

d) Tomonlari 3 cm, 4 cm va 5 cm bo'lgan XYZ uchburchak chizing.

2 Berilgan shakllarning perimetrini hisoblang.



3 Berilgan shakllarning yuzini hisoblang.



Bunda 1 katak = 1 kv.birlik

4 Berilgan fazoviy jismlarni tasnifiga ko'ra toping.

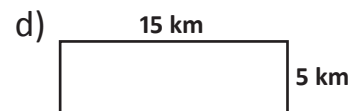
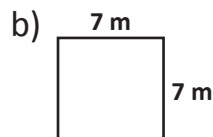
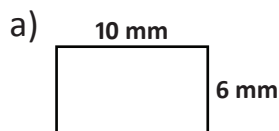
a) Qirralari 8 ta, yoqlari 5 ta, uchlari 5 ta, asosi to'g'ri to'rtburchak, yon tomonlari uchburchaklar.

b) Asosi aylana, bitta uchi bor, to'g'ri burchakli uchburchakni bir yon tomoni atrofida aylantirishdan hosil bo'lgan.

d) Qirralari 12 ta, yoqlari 6 ta, uchlari 8 ta, barcha yoqlari kvadrat.



5 Berilgan shakllarning perimetri va yuzini hisoblang.



6 Katak daftariga 1 ta parallelepiped va 2 ta kubdan tuzilgan shakl chizing.

1 Tenglamalarni yeching.

a) $x + 1000 = 3000$

b) $x - 300 = 700$

d) $340 + x = 640$

e) $x - 250 = 350$

2 Masala asosida tenglama tuzing va uni yeching.

Fermerda jami 67 ta oq va jigarrang tovuqlar bor. Agar ularning 33 tasi oq rangda bo'lsa, jigarrang tovuqlar soni nechta?

3 Tenglama tuzib, natijani hisoblang.

a) Noma'lum songa 2000 ni qo'shsa, natija 5000 bo'ladi.

b) Noma'lum sondan 5000 soni ayrilsa, 3000 hosil bo'ladi.



4 Tenglamalarni yeching.

a) $3000 + x = 5400$

b) $x - 380 = 120$

d) $x - 40 = 210$

e) $x + 120 = 420$

5 Tenglama tuzing va uni yeching.

Men bir son o'yladim. Unga 260 ni qo'shgan edim, natijada 560 hosil bo'ldi. Men qanday son o'yladim?

Qo'shish va ayirishga doir sodd tenglamalar yechish va natijani tekshirish

1 Tenglamalarni yeching.

a) $x - 2100 = 1300$

b) $8600 + x = 9200$

d) $1240 + x = 4640$

e) $x - 820 = 170$

f) $2800 + x = 7900$

g) $x - 1800 = 3800$

2 Tenglamalarni yeching. Natijani teskari amal bilan tekshiring.

a) $3500 + x = 7800$

b) $x - 2000 = 4000$

d) $5600 + x = 9000$

e) $x - 150 = 300$

f) $1100 + x = 8100$

g) $x - 2300 = 7000$

3 Tenglama tuzing va yeching. Natijani teskari amal bilan tekshiring.

a) 1-qo'shiluvchi 2000, 2-qo'shiluvchi noma'lum son, natija 5000

b) Kamayuvchi noma'lum son, ayiriluvchi 2300, ayirma 2000



4 Tenglamalarni yeching.

a) $x - 8500 = 1500$

b) $x + 1300 = 5500$

d) $7200 + x = 9500$

e) $x - 6700 = 300$

5 Tenglamalarni yeching. Natijani teskari amal bilan tekshiring.

a) $x - 3600 = 2000$

b) $x + 1400 = 6700$

d) $190 + x = 830$

e) $7200 - x = 2200$

f) $x - 620 = 170$

g) $x + 700 = 9400$

1 Tenglamalarni yeching. Natijani teskari amal bilan tekshiring.

a) $x + 8466 = 9000$

b) $x + 1000 = 8000$

d) $x - 7200 = 4200$

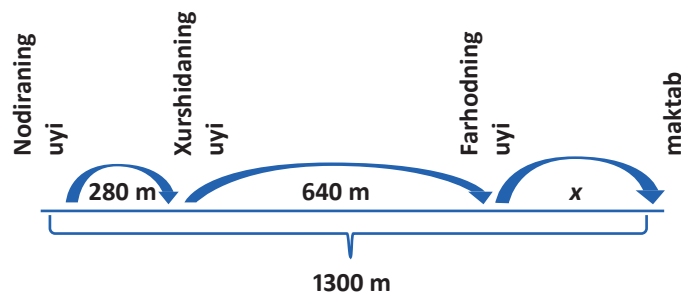
e) $x + 8000 = 9700$

f) $x - 2000 = 800$

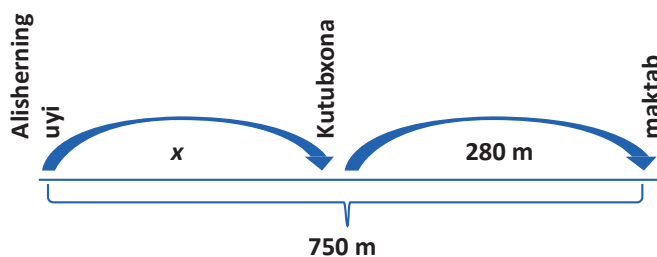
g) $x - 3400 = 5400$

2 Masala asosida tenglama tuzing va uni yeching. Natijani tekshiring.

- a) Nodiraning uyidan maktabgacha bo'lgan masofa 1300 m. Nodira, Xurshida va Farhod maktabga birgalikda borishga kelishib olishdi. Nodira Xurshidaning uyigacha 280 m masofa yurdi. Ular birgalikda Farhodning uyigacha 640 m yurishdi. Farhodning uyi maktabdan necha metr uzoqlikda joylashgan?



- b) Alisherning uyidan maktabgacha bo'lgan masofa 750 m. Maktabdan kutubxonagacha bo'lgan masofa esa 280 metrga teng. Alisherning uyi va kutubxona orasidagi masofani toping.



- 3 Masala asosida tenglama tuzing va uni yeching. Natijani tekshiring. Men bayramga bolalar uchun 300 dona mevali va shokoladli muzqaymoq sotib olishim kerak. Men 167 dona mevali muzqaymoq sotib oldim. Men yana nechta shokoladli muzqaymoq sotib olishim kerak?

**Ko'paytirish va bo'lishga doir sodda tenglamalar yechish
va natijani tekshirish**

1 Tenglamalarni yeching.

a) $250 \cdot x = 500$

b) $300 \cdot x = 900$

d) $x : 10 = 80$

e) $x \cdot 14 = 56$

f) $x : 9 = 8$

g) $x : 3 = 7$

2 Tenglamalarni yeching. Natijani teskari amal bilan tekshiring.

a) $x : 7 = 4$

b) $400 \cdot x = 3200$

d) $x : 12 = 5$

e) $x \cdot 4 = 1000$

f) $x : 6 = 5$

g) $x : 7 = 9$

3 Agar noma'lum son va 12 ning ko'paytmasi 144 ga teng bo'lsa, noma'lum sonning qiymatini toping.



4 Tenglamalarni yeching.

a) $x : 12 = 10$

b) $600 \cdot x = 4800$

d) $x : 60 = 2$

e) $x \cdot 15 = 225$

f) $x : 20 = 3$

g) $x : 40 = 6$

5 Tenglamalarni yeching. Natijani teskari amal bilan tekshiring.

a) $x : 17 = 19$

b) $x \cdot 21 = 399$

d) $x : 9 = 83$

e) $24 \cdot x = 432$

f) $x \cdot 20 = 840$

g) $x : 15 = 40$

1 Ushbu tenglamalarning qay birining javobi 430 bo'ladi?

a) $340 \cdot x = 2040$

b) $3870 : x = 9$

d) $x : 18 = 12$

2 Tenglamalarni yeching. Natijani teskari amal bilan tekshiring.

a) $432 : x = 12$

b) $320 \cdot x = 3840$

d) $x \cdot 15 = 270$

e) $x : 12 = 85$

f) $48 \cdot x = 480$

g) $342 : x = 19$

3 Tenglamalarni yeching. Natijani teskari amal bilan tekshiring.

a) $x : 21 = 11$

b) $x \cdot 38 = 418$

d) $51 \cdot x = 612$

e) $792 : x = 36$



4 Tenglamalarni yeching.

a) $x : 123 = 5$

b) $x \cdot 81 = 729$

d) $845 : x = 65$

e) $49 \cdot x = 392$

f) $800 : x = 50$

g) $x : 185 = 6$

5 Tenglamalarni yeching. Natijani teskari amal bilan tekshiring.

a) $18 \cdot x = 522$

b) $x \cdot 75 = 450$

d) $918 : x = 27$

e) $x : 201 = 8$

f) $33 \cdot x = 825$

g) $124 : x = 4$

- 1 Do'konda 50 qop kartoshka bor edi. Fermer do'konga yana bir necha qop kartoshka keltirdi. Do'konda jami 320 qop kartoshka bo'ldi. Fermer do'konga necha qop kartoshka keltirgan?



- 2 Sotuvchi birinchi haftada 128 ta mobil telefon sotdi. U keyingi haftada yana bir qancha telefon sotdi. Sotuvchi shu ikki haftada jami 315 ta telefon sotgan bo'lsa, ikkinchi haftada nechta telefon sotgan?

- 3 Sanjar kompyuter o'yinining 1-bosqichida bir qancha ball to'pladi. O'yinning 2-bosqichida 840 ball to'pladi. Agar Sanjar jami 1930 ball to'plagan bo'lsa, uning 1-bosqichda to'plagan ballini toping.



- 4 Durdona Navro'z ayyomiga 336 ta somsa pishirdi. Lobar undan biroz kamroq somsa pishirdi. Agar ular jami 500 ta somsa pishirgan bo'lsa, Lobar nechta somsa pishirgan?

- 5 Maktab kutubxonasida jami 3218 ta badiiy kitob va darslik bor. Agar badiiy kitoblar soni 870 ta bo'lsa, darsliklar sonini toping.



- 1 Madinaning elektron pochtasida bir qancha xat yig'ilib qolibdi. U 19 ta xatni o'chirib tashladi va pochtaida yana 78 ta xat qoldi. Madinaning elektron pochtasida nechta xat bo'lgan?
- 2 Maktabda davomatni tekshirish jarayonida darsga kelgan o'quvchilar soni 907 ta ekanligi va 89 ta o'quvchi betob bo'lib, maktabga kelolmaganini aniqlandi. Maktabda tahsil oluvchi jami o'quvchilar sonini toping.
- 3 Sayyohlar Toshkentdan Xivaga sayohatga borishdi. Agar ular yo'lining 800 kilometrini poyezdda, 379 kilometrini esa avtomobilda bosib o'tgan bo'lsa, Toshkentdan Xivagachaga bo'lgan masofani toping.



- 4 Bog'da bir nechta nok daraxti bor. Bog'bon hafta davomida 23 ta daraxtning mevasini terib olganidan so'ng yana 44 ta mevasi terilmagan daraxt qoldi. Bog'da jami nechta daraxt bor?



- 5 Olimning bir nechta jo'jasi bor edi. 8 ta jo'jani o'rtog'iga berganidan keyin Olimda 27 ta jo'ja qoldi. Olimda jami nechta jo'ja bo'lgan?
- 6 Texnika do'konida bir nechta kompyuter bor edi. Shanba kuni 142 ta kompyuter sotilganidan so'ng do'konda 37 ta kompyuter qoldi. Do'konda avval qancha kompyuter bo'lgan?

**Ko'paytirishga doir matnli masalalarni tenglama
tuzib yechish**

1 Husan 6 qopda jami 72 kg un sotib oldi. Har bir qopda necha kg un bor?

2 Duradgor 4 ta oyoqli stuldan bir nechta yasadi. U jami 28 ta oyoq ishlatgan bo'lsa, nechta stul yasagan?



3 7 ta qutida jami 336 ta shokolad bor. Har bir qutida nechtadan shokolad bor?



4 Bolalar bog'chasida har bir guruhda 30 tadan bola bor. Agar bog'chada jami 480 ta tarbiyalanuvchi bo'lsa, bog'chadagi guruhlar sonini toping.



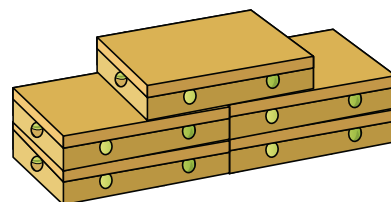
5 Nasiba har bir daraxtdan 32 tadan olma terib oldi. Agar u jami 160 ta olma terib olgan bo'lsa, nechta daraxtdan olma tergan?

6 Kitob javonining har bir tokchasida 18 tadan kitob turibdi. Agar javonda jami 126 ta kitob bo'lsa, javonda nechta tokcha bor?

- 1 Yozgi oromgohga jo'nab ketayotgan bolalar 40 o'rinli avtobuslarga joylashtirildi. Agar barcha bolalarni joylashtirish uchun 12 ta avtobus kerak bo'lsa, oromgohga jo'nab ketayotgan bolalarning umumiy sonini toping.
- 2 Visola oyisiga mehmon kutishga tayyorgarlikda yordam beryapti. Oyisi unga 35 ta gulni 7 ta guldonga teng miqdorda qo'yib chiqishini aytdi. Visola har bir guldonga nechtadan gul qo'yishi kerak?
- 3 E'zoza qizil rangli lenta sotib oldi va uni teng 8 ta qismga bo'ldi. Har bir bo'lak uzunligi 30 cm ga teng bo'lsa, lentaning uzunligi necha cm bo'lgan?



- 4 150 kg nokni qutilarga 5 kilogrammdan joylashtirish uchun bizga nechta quti kerak bo'ladi?



- 5 4 nafar o'quvchi dalaga bodring ko'chatlari ekishdi. Ularning hammasi bir xil miqdorda ko'chat ekib, birgalikda jami 500 ta ko'chat ekishgan bo'lsa, har bir o'quvchi nechtadan ko'chat ekan?



**To'rt amalga doir matnli masalalarni tenglama
tuzib yechish**

- 1 Matematika olimpiadasining 2-bosqichi test va yozma ishdan iborat. Sora matematika olimpiadasida jami 93 ball to'pladi. Agar u yozma ishdan 41 ball olgan bo'lsa, testdan olgan ballini toping.



- 2 Zoomagazinda ikki kun davomida 87 ta baliqcha sotildi. Magazinda birinchi kuni 37 ta baliqcha sotilgan bo'lsa, ikkinchi kuni qancha baliqcha sotilgan?



- 3 Avtomobil 420 km masofani o'zgarmas tezlik bilan bosib o'tdi. Agar safarga jami 7 soat sarflangan bo'lsa, avtomobilning tezligi nechaga teng?

- 4 Hilola opa do'kondan 45 ta tuxum sotib oldi. U bir necha xil pishiriq pishirganidan so'ng yana 14 ta tuxum ortib qoldi. Hilola opa pishiriq pishirish uchun nechta tuxum ishlatgan?



- 5 Murod 2 ta bir xil narxdagi kitobni 9000 so'mga sotib oldi. Har bir kitobning narxi necha so'm?
- 6 Mehmonxonada 15 ta sayyoh xonalarga joylashtirildi. Agar har bir xonaga 3 kishidan joylashgan bo'lsa, sayyohlar jami nechta xonaga joylashgan?

1 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $15 + 14 \cdot 8$

b) $120 + 3 \cdot 20$

d) $180 + 60 \cdot 3$

e) $105 + 101 \cdot 5$

f) $80 \cdot 2 + 350$

g) $650 + 130 \cdot 3$

2 Ushbu ifodalarning qay birining javobi 220 soniga teng ekanligini aniqlang.

a) $48 + 12 \cdot 5$

b) $180 + 5 \cdot 20$

d) $18 \cdot 3 + 166$

e) $18 \cdot 5 + 110$

3 Farrux do'kondan 500 so'mga 1 ta ruchka va undan 3 marta qimmat narxga daftar sotib oldi. Farrux sotuvchiga jami necha so'm pul berdi?



4 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $40 + 50 \cdot 8$

b) $200 + 5 \cdot 30$

d) $80 + 70 \cdot 5$

e) $300 + 100 \cdot 5$

f) $200 \cdot 2 + 400$

g) $600 + 200 \cdot 3$

1 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $220 \cdot 4 - 130 + 60$

b) $740 - 20 \cdot 2 + 180$

d) $450 - 70 \cdot 2 + 120$

e) $180 - 60 + 15 \cdot 4$

f) $500 - 450 + 15 \cdot 5$

g) $80 \cdot 4 + 155 - 230$

2 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $200 \cdot 7 + 40 \cdot 70$

b) $300 \cdot 2 + 50 \cdot 20$

d) $450 \cdot 2 - 4 \cdot 80$

e) $600 \cdot 3 - 4 \cdot 20$



3 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $348 - 6 \cdot 8 + 100$

b) $180 + 60 \cdot 2 - 100$

d) $350 - 150 \cdot 2 + 180$

e) $280 - 80 + 60 \cdot 5$

f) $200 \cdot 4 + 25 \cdot 4$

g) $70 \cdot 5 + 155 - 330$

4 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $120 \cdot 8 + 30 \cdot 5$

b) $7 \cdot 350 - 200 \cdot 6$

d) $80 \cdot 4 + 35 \cdot 8$

e) $550 \cdot 6 - 7 \cdot 20$

1 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $13 \cdot 9 + 750 : 15 - 64$

b) $175 \cdot 3 - 408 + 144 : 2$

d) $129 \cdot 5 - 241 \cdot 2 + 15 \cdot 3$

e) $900 - 258 : 3 + 196 : 7$

2 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $205 \cdot 3 + 324 : 9 \cdot 6$

b) $456 : 2 - 552 : 4 + (1000 - 700)$

d) $(665 : 5 - 13) + 83 \cdot 7$

e) $672 : 6 + (370 + 180) : 5$

3 Amallarni bajaring va natijalarni taqqoslang.

a) $360 : 3 + 100 \square 690 : 3 - 100$

b) $750 : 5 + 250 \square 450 \cdot 3 - 1000$



4 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $774 : 6 + (170 + 220) : 5$

b) $(390 + 290) : 4 + 448 : 4$

d) $200 \cdot 5 - 154 \cdot 2 + 45 \cdot 4$

e) $750 - 216 : 3 + 196 : 7$

1 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $(508 - 78) : 2 + 475$

b) $(582 - 342) \cdot 2 - 480$

d) $(547 + 119) : 2 + 477$

e) $134 \cdot 3 + 474 : 6$

f) $(48 + 408) \cdot 3$

g) $109 \cdot 2 + 615 : 5$

2 Jadvalni to'ldiring.

a	$75 \cdot 2$	$48 \cdot 4$	$19 \cdot 5$	$54 \cdot 3$
b	$35 \cdot 3$	$27 \cdot 3$	$12 \cdot 3$	$38 \cdot 2$
a + b				
a - b				

3 Amallarni to'g'ri bajarsangiz, buyuk bobokalonlarimiz tug'ilgan yillarni bilib olasiz. Nima deb o'ylaysiz, bu yillarda qaysi bobokalonlarimiz tug'ilgan?

a) $1400 + (385 \cdot 2 - 729)$

b) $59 \cdot 4 : 2 + 1365$



4 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $(125 \cdot 3 - 70 \cdot 4) + 205$

b) $328 : 4 + 848 : 2$

d) $123 \cdot 6 + 79 \cdot 3$

e) $125 \cdot 6 - 79 \cdot 2$

f) $(1500 - 1400) \cdot 4 + 83$

g) $756 : 4 + (340 - 30) \cdot 0$

1 Tenglamani yeching.

a) $4950 + x = 8345$

b) $x - 4250 = 3235$

d) $x \cdot 240 = 960$

e) $x : 8 = 600$

2 Tenglamani yeching va natijani tekshiring.

a) $1840 + x = 7350$

b) $350 \cdot x = 2100$

d) $x : 54 = 6$

e) $x \cdot 41 = 492$

f) $720 : x = 16$

g) $x - 1890 = 7920$

3 Masalani o'qing. Masalaga mos tenglama tuzing va uni yeching.

a) 300 kg konfet 12 ta qutiga teng miqdordan joylangan bo'lsa, bitta qutida necha kg konfet bor?

b) Aziza do'kondan 7500 so'mlik o'quv qurollari sotib olgandan so'ng uning 1200 so'm puli qoldi. Xarid qilmasdan oldin uning qancha puli bo'lgan?



4 Amallar tartibini aniqlang va ifodaning qiymatini toping.

a) $1720 - 100 \cdot 4 + 105 : 7$

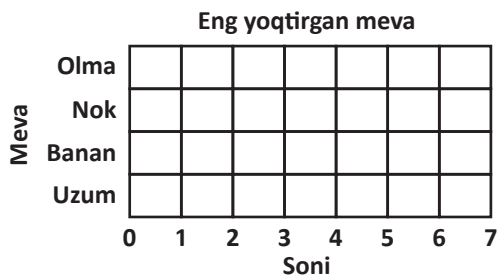
b) $785 \cdot 3 - 2300 + 45$

d) $109 \cdot 5 - 540 \cdot 0$

e) $920 - 168 : 3 + 136$

1 Berilgan jadvalga mos tasmali diagramma tuzing va savollarga javob bering.

Meva	Soni
Olma	6
Nok	2
Banan	5
Uzum	4

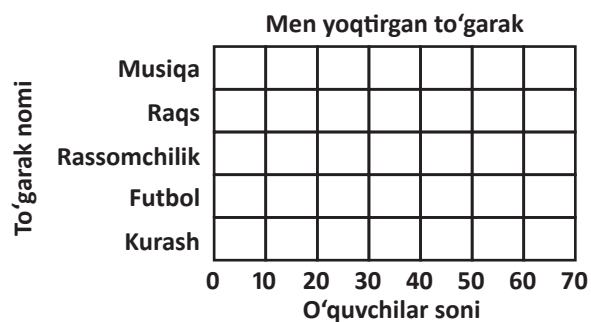


- Qaysi meva eng sevimli meva ekan?
- Nechta odam nokni sevimli meva sifatida tanlamabdi?
- Mevalarni eng ko'p ovoz olganidan eng kam ovoz olganigacha bo'lgan tartibda joylashtirib yozing.



2 Quyidagi jadvalda maktabning 3-sinf o'quvchilari qaysi to'garaklarga qatnashishi to'g'risida ma'lumot berilgan. Shu jadvalga mos tasmali diagramma tuzing va savollarga javob bering.

To'garak nomi	Qatnashuvchi o'quvchilar soni
Musiq	40
Raqs	30
Rassomchilik	25
Futbol	55
Kurash	20



- Raqs to'garagiga nechta o'quvchi qatnashadi?
- Futbolga qiziquvchilar soni rassomchilikka qiziquvchilar sonidan nechtaga ko'p?
- Musiqaga qatnashadigan o'quvchilar soni kurashga qatnashadigan o'quvchilar sonidan necha marta ko'p?
- 3-sinf o'quvchilari eng ko'p qaysi to'garakka qatnashar ekan? Eng kam-chi?

- 1 Jasmina sinfdoshlari orasida ularda qanday uy hayvonlari borligini aniqlash uchun soʻrovnoma oʻtkazib, quyidagi jadvalni tuzdi. Shu jadvalga mos ustunli diagramma tuzing va berilgan mulohazalarga mos “Rost” yoki “Yolgʻon” javobini tanlang.

Uy hayvoni	Soni
It	12
Mushuk	8
Toʻti	4
Akvariumda baliqcha	6



- a) Mushuk boquvchilarning soni it boquvchilarning sonidan koʻp.
Rost Yolgʻon
- b) It boquvchilarning soni qolgan uy hayvonlari egalari jami sonidan koʻp.
Rost Yolgʻon
- d) Baliqcha boquvchilar soni it boquvchilar sonidan 2 marta kam.
Rost Yolgʻon
- e) Mushuk va toʻti boquvchilar soni birgalikda it boquvchilar soniga teng.
Rost Yolgʻon








- 2 Amir dadasi bilan Botanika bogʻida sayr qilibdi. Amir koʻrgan daraxtlarining turlariga koʻra sonini jadvalga yozibdi. Shu jadvalga mos ustunli diagramma tuzing va savollarga javob bering.

- a) Amir jami nechta daraxtni jadvalga kiritibdi?
- b) Amir eng koʻp uchratgan daraxt qaysi ekan? Eng kam uchratgan daraxt-chi?
- d) Majnuntol va eman daraxtlarining birgalikdagi soni qayragʻoch daraxti sonidan qanchaga farq qiladi?
- e) Archa va terak daraxtlarining birgalikdagi soni eman va qayragʻoch daraxtlarining birgalikdagi sonidan qanchaga koʻp?

Daraxt nomi	Soni
Eman	9
Majnuntol	7
Terak	10
Archa	20
Qayragʻoch	16

- 1 Quyidagi jadvalda 50-maktab o'quvchilarining maktabga yetib borish usullari haqidagi so'rovnoma natijasi berilgan. Shu jadvalga mos rasmi diagramma tuzing va savollarga javob bering.

O'quvchilarning maktabga yetib borish usuli	
Turi	Soni
Piyoda	30
Velosiped	20
Avtobus	70
Avtomobil	50

O'quvchilarning maktabga yetib borish usuli	
Piyoda	
Velosiped	
Avtobus	
Avtomobil	
Har bir  = 10 o'quvchi	

- Kalit belgi har nechta o'quvchiga belgilangan? Nima uchun?
- Jami nechta o'quvchi so'rovnomada qatnashgan?
- Avtobusda yetib keladigan o'quvchilar soni piyoda yetib keladigan o'quvchilar sonidan qanchaga ko'p?
- Velosipedda keladigan o'quvchilar soni avtomobilda yetib keladigan o'quvchilar sonidan qanchaga kam?



- 2 Nilufar sinfdoshlari orasida kim qanday muzqaymoqni yoqtirishini bilish uchun so'rovnoma o'tkazdi. U yig'gan ma'lumotlar quyidagi jadvalda ko'rsatilgan. Shu jadvalga mos rasmi diagramma tuzing va savollarga javob bering.

- Kalit belgilarni qanday tanladingiz?
- Jami nechta o'quvchi so'rovnomada qatnashgan?
- Qaymoqli muzqaymoqni xush ko'ruvchilar soni shokoladli muzqaymoq ixlosmandlari sonidan necha marta kam?
- Yalpizli va qaymoqli muzqaymoqni yoqtiradiganlarning umumiy soni qulupnayli muzqaymoqni yoqtiradiganlar sonidan nechtaga ko'p?

Sevimli muzqaymoq turi	
Turi	Soni
Qulupnayli	8
Shokoladli	12
Qaymoqli	6
Yalpizli	3

- 1 Jismoniy tarbiya darsida o'g'il bolalarning turnikda tortilishlar soni quyidagi jadvalda berilgan. Jadvalga mos rasmi diagramma tuzing va savollarga javob bering.
- Qaysi 2 ta bola bir xil miqdorda tortilgan?
 - Hamid, Sobir va Behzodlarning birgalikda tortilishlari soni qaysi ikkita bolaning umumiy tortilish soniga teng?
 - Umar va Behzodlarning birgalikda tortilganliklari soni Shohruhning tortilishlar sonidan necha marta ko'p?
 - Hamid va Umar birgalikda tortilganliklari soni yana qaysi 2 ta bolaning birgalikda tortilishlar soniga teng?

Turnikda tortilish ko'rsatkichlari	
Hamid	5
Sobir	4
Behzod	6
Umar	8
Shohruh	7
Ibrohim	6



- 2 3-sinf o'quvchilari sinfdoshlarining qaysi oyda tug'ilganligi haqida so'rovnoma o'tkazishdi va ma'lumotlarni quyidagi jadvalga kiritishdi. Jadvalga mos rasmi diagramma tuzing va savollarga javob bering.
- So'rovnomada jami nechta o'quvchi qatnashgan?
 - Qaysi oyda eng ko'p o'quvchi tug'ilgan ekan?
 - Qaysi oyda eng kam o'quvchi tug'ilgan ekan?
 - Yanvar oyida tug'ilgan o'quvchilar soni may oyida tug'ilgan o'quvchilar sonidan necha marta ko'p?
 - Fevral, mart va avgust oylarida tug'ilgan o'quvchilar soni ishtirokida savol tuzing.

3-sinf o'quvchilarining qaysi oyda tug'ilganligi	
Yanvar	16
Fevral	10
Mart	6
Aprel	8
May	4
Iyun	6
Iyul	9
Avgust	12
Sentabr	3
Oktabr	15
Noyabr	5
Dekabr	2

Sanoq jadvali asosida diagramma yoki piktogramma qurish

1 Jismoniy tarbiya darsida uzunlikka sakrash mashg'ulotida o'quvchilarning qancha uzunlikka sakragani to'g'risidagi ma'lumot quyidagi jadvalda berilgan. Jadvalga mos ustunli diagramma tuzing va savollarga javob bering.

- Eng uzoq masofaga qaysi o'quvchi sakragan?
- Aziz G'ofurdan necha cm ga kamroq sakragan?
- G'ofurning sakragan masofasi Dilnura va Lazizaning birgalikda sakragan masofasidan qanchaga kam?
- Eng uzoq va eng qisqa masofalar orasidagi farq necha cm ga teng?

Uzunlikka sakrash ko'rsatkichlari	
Ism	Masofa
Laziza	2400 cm
G'ofur	3000 cm
Aziz	2700 cm
Dilnura	2500 cm



2 Sevinch oilasi bilan buvisinikiga avtomobilda ketayotganida, u yo'lda uchragan avtomobillarni turi bo'yicha sanab, ularning turi va soni to'g'risidagi ma'lumotni quyidagi jadvalga kiritdi. Jadvalga mos rasmlil diagramma tuzing va savollarga javob bering.

- Avtomobillar turini soni bo'yicha o'sish tartibida joylashtiring (eng kichik qiymatidan eng katta qiymatigacha)
- Spark avtomobili soni Nexia va Matiz avtomobillarining birgalikdagi sonidan necha marta kam?
- Spark va Matiz avtomobillarining birgalikdagi soni Nexia avtomobili sonidan necha marta ko'p?
- Spark va Nexia avtomobillarining birgalikdagi soni Lacetti va Matiz avtomobillarining birgalikdagi sonidan qanday farq qiladi?

Avtomobillarning turlari bo'yicha soni	
Turi	Soni
Spark	12
Nexia	9
Lacetti	6
Matiz	15



- 1 Oila a'zolaringiz yoki do'stlaringiz orasida "Men yoqtirgan meva" mavzusida so'rovnoma o'tkazing va natijani sanoq jadvalida ifodalang.

Meva turi	Sanoq tayoqchalari	Soni
Olma		
Banan		
Apelsin		
Nok		
Boshqa		

- 2 O'rtoqlaringizdan ular yoqtirgan ertak, multfilm, kino yoki o'yin haqida so'rang va so'rovnoma natijasini sanoq jadvalida ifodalang.



- 1 O'rtog'laringiz orasida ularning eng yoqtirgan sport turini aniqlash uchun so'rovnoma o'tkazing va natijani sanoq jadvalida ifodalang. Jadval asosida eng ko'p va eng kam ovoz berilgan sport turlarini aniqlang.

Sport turi	Sanoq tayoqchalari	Soni
Futbol		
Basketbol		
Voleybol		
Stol tennisi		
Kurash		
Boshqa		

- 2 Oila a'zolaringiz orasida "Men yoqtirgan bayram" mavzusida so'rovnoma o'tkazing va natijani sanoq jadvalida ifodalang. Jadval asosida bir nechta savollar tuzing.



- 1 O'rtoqlaringizdan ular yoqtirgan taom haqida so'rang va yig'gan ma'lumotlaringiz asosida ustunli diagramma quring.

- 2 O'rtoqlaringiz orasida "Men yoqtirgan o'yin" mavzusida so'rovnoma o'tkazing va yig'ilgan ma'lumot asosida ustunli diagramma quring.



- 1 O'rtqlaringiz va oila a'zolaringizdan ular yoqtirgan fasl haqida so'rab, ma'lumot yig'ing va uni rasmi diagrammada taqdim eting.

- 2 O'rtqlaringiz orasida "Sevimli ichimlik" mavzusida so'rovnoma o'tkazing va yig'ilgan ma'lumot asosida ustunli diagramma quring.

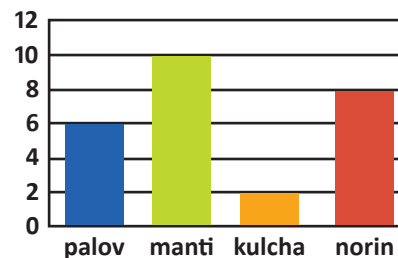
Ustunli va rasmlı diagrammada ma'lumotlarnı taqdim etish

- 1 Maktabdagi barcha 3-sinf o'quvchilari kutubxonaga a'zo bo'ldilar. Ularning 15 tasi hayvonlar, 20 tasi qushlar, 25 tasi tabiat va 30 tasi sport haqidagi kitoblarnı olib o'qidilar.

Ushbu ma'lumotlar asosida rasmlı va ustunli diagramma chizing hamda unda ma'lumotlarnı tasvirlang.











- 2 Ushbu ustunli diagrammada Jamolning sevimli taomlari va ularning narxlari keltirilgan (narxlar so'mda, 1000 marta kamaytirilgan). Diagramma asosida savollarga javob bering.



- a) Palov mantidan necha so'm arzon?
- b) Kulcha va norin birgalikda necha so'm?
- d) Palov va manti kulcha va norindan necha so'm qimmat?
- e) Norin mantidan necha so'm arzon?
- 3 Hafta davomida nonushtaga qanday taomlar iste'mol qilishingiz va har bir taomdan bir hafta davomida necha marta iste'mol qilishingiz haqidagi ma'lumotni rasmlı diagrammada taqdim eting.

1 Ferma hovlisining katakli xaritasi berilgan. Unda joylashgan jonivorlarning joylashgan o'рни (katak nomi)ni aniqlang.


- a) Ot qaysi katakda joylashgan?
- b) Qo'y qaysi katakda joylashgan?
- d) G'oz qaysi katakda joylashgan?
- e) A5 katakda qaysi jonivor rasmi joylashtirilgan?
- f) E1 katakda qaysi jonivor rasmi joylashtirilgan?
- g) It D2 katakda joylashgani rostmi?

5					
4					
3					
2					
1					
	A	B	D	E	F



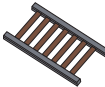
2 Sanjarga shahar xaritasini tuzishda yordam bering. Katakli xaritaga obyektlarni ko'rsatilgan o'рни (katak nomi) bo'yicha joylashtiring.

5					
4					
3					
2					
1					
	A	B	D	E	F

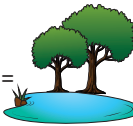
B4 = 
Markaziy bog'

E3 = 
Ko'p qavatli uy





D1 = 
Bank

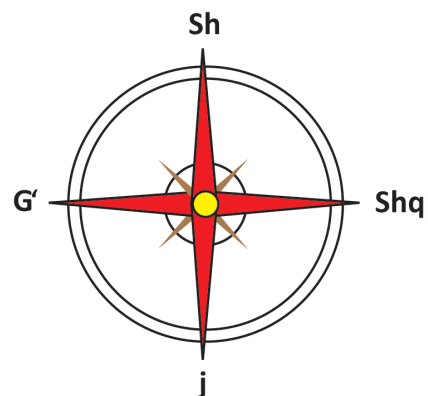
D2 = 
Vokzal

B1 = 
Maktab

E4 = 
Ko'l

- 1 Oshxona xaritasidagi obyektlarning qaysi dunyo tomonida joylashganini kompas yordamida aniqlang va yozing. Ularning joylashgan o'rnining nomini toping.

5					
4					
3					
2					
1					
	A	B	D	E	F



_____ , _____



_____ , _____



_____ , _____

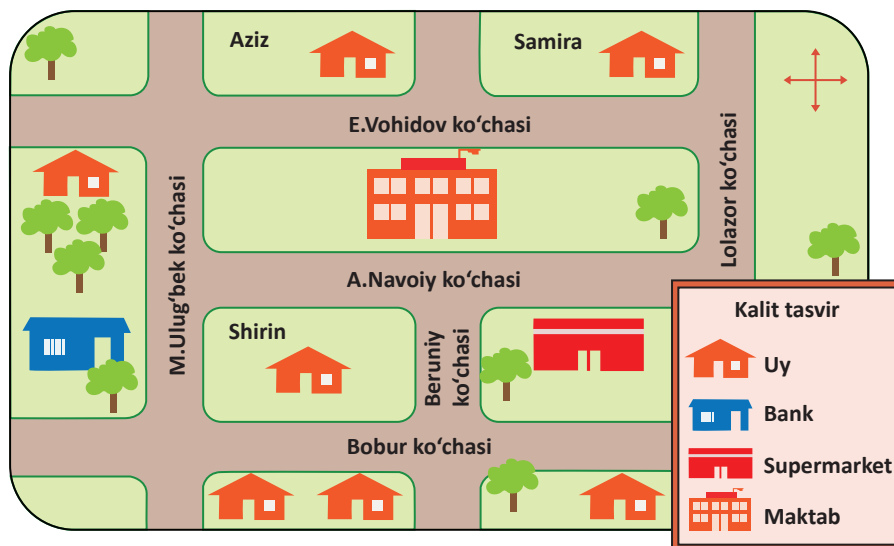


_____ , _____



- 2 Uyingizdagi bitta xonaning katakli xaritasini tuzing. Xonadagi obyektlarning qaysi dunyo tomonida joylashganini kompas yordamida yoki quyosh chiqishi va botishi taraflariga nisbatan aniqlang va yozing. Ularning joylashgan o'rnining nomini toping.

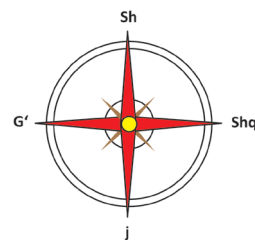
- 1 Xaritadagi kompasning strelkalarini mos belgilar bilan belgilang va berilgan obyektlarning joylashgan o'rnini toping.



- Shirin maktabdan uyga borishi uchun qaysi tomonga yo'l olishi kerak?
- Aziz bankka borishi uchun qaysi tomonga yo'l oladi?
- Supermarket qaysi tomonda joylashgan?
- Samira va Azizning uylari shaharning qaysi tomonida joylashgan?



- 2 Bog'dagi daraxtlarning xaritasidan ularning qaysi dunyo tomonida joylashgani va o'rnining nomini topib yozing.



5					
4					
3					
2					
1					
	A	B	D	E	F

- olcha daraxti - _____, _____

- olma daraxti - _____, _____

- shaftoli daraxti - _____, _____

- yong'oq daraxti - _____, _____

- 1 Soliha sinfdoshlaridan ularning eng sevimli meva sharbati haqida so'rab, ma'lumotlarni quyidagi jadvalga joylashtiribdi. Jadvalga mos rasmi diagramma tuzing va savollarga javob bering.

Meva sharbatlari	
Turi	Soni
Olma	9
Multifrukt	15
Ananas	12
Anor	6

- So'rovnomada jami nechta o'quvchi qatnashgan?
- Bolalarning eng sevimli meva sharbati qaysi ekan?
- Ananas sharbatini yoqtiradigan bolalar soni anor sharbatini yoqtiradigan bolalar sonidan necha marta ko'p?

- 2 Tohir bir hafta davomida piyoda yuribdi va har kungi yurgan qadamlari sonini jadvalga kiritibdi. Berilgan jadvalga mos ustunli diagramma tuzing va savollarga javob bering.

Kun	Qadamlar soni
Dushanba	4500
Seshanba	5000
Chorshanba	5200
Payshanba	4700
Juma	4800
Shanba	5500
Yakshanba	4000

- Tohir qaysi kuni eng ko'p masofa yuribdi?
- Dushanba kuni yurgan qadamlari soni shanba kuni yurgan qadamlari sonidan qanchaga kam?
- Dushanba va seshanba kunlari yurgan qadamlari soni birgalikda payshanba va juma kunlari yurgan qadamlari sonidan qancha farq qiladi?









- 3 Sumkangizdagi har bir darslikning betlari sonini jadvalga kiriting (kitobning eng oxirgi betining raqami uning betlari soniga teng). Tuzgan jadvalingizga mos diagramma tuzing.




- 4 Uyingizdagi biror xonaning katakli xaritasini tuzing. Xonadagi obyektlarni ularning dunyoning qaysi tomonida joylashganini inobatga olib, kompas asbobi yordamida xaritaga joylashtiring.




Doira bo'laklaridan foydalanib, bir xil maxrajli kasrlarni qo'shish

1 Doira bo'laklaridan foydalanib, kasrlarni qo'shing.

a)  +  = 
 $\frac{1}{4} + \frac{3}{4} = \square$

b)  +  = 
 $\frac{2}{3} + \frac{1}{3} = \square$

d)  +  = 
 $\frac{1}{6} + \frac{4}{6} = \frac{\square}{\square}$

e)  +  = 
 $\frac{1}{2} + \frac{1}{2} = \square$

2 Doira bo'laklaridan foydalanib, kasrlarni qo'shing.

a) $\frac{2}{5} + \frac{1}{5}$

b) $\frac{2}{8} + \frac{5}{8}$




d) $\frac{5}{12} + \frac{3}{12}$




e) $\frac{2}{9} + \frac{1}{9}$




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




g) $\frac{4}{11} + \frac{5}{11}$

3 Doira bo'laklaridan foydalanib, kasrlar yozing va ularni qo'shing. Natijada to'g'ri kasr hosil bo'lsin.

a)  +  =  $\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$

b)  +  =  $\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$

d)  +  =  $\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$

e)  +  =  $\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$



4 Doira bo'laklaridan foydalanib, kasrlarni qo'shing.

a) $\frac{2}{6} + \frac{3}{6}$

b) $\frac{1}{8} + \frac{5}{8}$

d) $\frac{4}{13} + \frac{5}{13}$

e) $\frac{5}{9} + \frac{2}{9}$

f) $\frac{6}{11} + \frac{5}{11}$

g) $\frac{3}{5} + \frac{1}{5}$

Doira bo'laklaridan foydalanib, bir xil maxrajli kasrlarni qo'shish

1 Doira bo'laklaridan foydalanib, tegishli kasrlarni yozing va ularni qo'shing.

a)  =

b)  =

d)  =

e)  =

2 Doira bo'laklaridan foydalanib, kasrlarni qo'shing.

a) $\frac{5}{8} + \frac{1}{8}$

b) $\frac{7}{16} + \frac{5}{16}$



d) $\frac{4}{8} + \frac{3}{8}$



e) $\frac{7}{12} + \frac{3}{12}$



f) $\frac{6}{16} + \frac{3}{16}$



g) $\frac{1}{4} + \frac{1}{4}$

3 Doira bo'laklaridan foydalanib, kasrlarni qo'shing.

a)  = 
 $\frac{3}{5} + \frac{1}{5} = \frac{\quad}{5}$

b)  = 
 $\frac{5}{7} + \frac{1}{7} = \frac{\quad}{7}$

d)  = 
 $\frac{2}{8} + \frac{3}{8} = \frac{\quad}{8}$

e)  = 
 $\frac{3}{10} + \frac{4}{10} = \frac{\quad}{10}$



4 Doira bo'laklaridan foydalanib, kasrlarni qo'shing.

a) $\frac{6}{12} + \frac{4}{12}$

b) $\frac{5}{16} + \frac{10}{16}$

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




e) $\frac{4}{6} + \frac{1}{6}$

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




g) $\frac{7}{12} + \frac{1}{12}$

Doira bo'laklaridan foydalanib, bir xil maxrajli kasrlarni ayirish




1 Kasrlarni doira bo'laklaridan foydalanib ayiring. Bo'sh kataklarni to'ldiring.

a)  -  = 




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

b)  -  = 

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

d)  -  = 

$$\frac{4}{5} - \frac{3}{5} = \frac{\quad}{5}$$

e)  -  = 

$$\frac{4}{7} - \frac{2}{7} = \frac{\quad}{7}$$

2 Doira bo'laklaridan foydalanib, kasrlarni yozing va ularni ayiring.

a)  -  = 

b)  -  = 

d)  -  = 

e)  -  = 

3 Doira bo'laklaridan foydalanib, kasrlarni ayiring.

a) $\frac{5}{12} - \frac{1}{12}$

b) $\frac{8}{9} - \frac{3}{9}$

d) $\frac{6}{7} - \frac{3}{7}$

e) $\frac{9}{10} - \frac{3}{10}$

f) $\frac{4}{6} - \frac{1}{6}$

g) $\frac{8}{12} - \frac{1}{12}$



4 Doira bo'laklaridan foydalanib, kasrlarni ayiring.

a) $\frac{5}{6} - \frac{3}{6}$

b) $\frac{4}{5} - \frac{2}{5}$


d) $\frac{7}{10} - \frac{1}{10}$


e) $\frac{4}{5} - \frac{1}{5}$

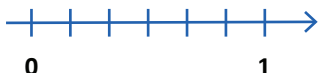
f) $\frac{5}{7} - \frac{2}{7}$


g) $\frac{3}{8} - \frac{1}{8}$

- 1 Son o'qining bo'linish nuqtalariga mos kasrlarni yozing. Undan foydalanib, berilgan kasrlarni qo'shing.

a) $\frac{2}{10} + \frac{5}{10}$ 

b) $\frac{4}{12} + \frac{6}{12}$ 

d) $\frac{4}{6} + \frac{1}{6}$ 

e) $\frac{3}{8} + \frac{4}{8}$ 

- 2 Son o'qidan foydalanib, kasrlarni qo'shing.

a) $\frac{2}{4} + \frac{1}{4}$

b) $\frac{2}{7} + \frac{4}{7}$

d) $\frac{4}{8} + \frac{3}{8}$

e) $\frac{5}{9} + \frac{1}{9}$

f) $\frac{3}{11} + \frac{4}{11}$

g) $\frac{4}{14} + \frac{5}{14}$

- 3 Son o'qidan foydalanib, bo'sh kataklarni to'ldiring.

a) $\frac{1}{6} + \frac{\square}{6} = \frac{4}{6}$

b) $\frac{2}{8} + \frac{\square}{8} = \frac{6}{8}$

d) $\frac{2}{6} + \frac{\square}{6} = \frac{5}{6}$

e) $\frac{4}{10} + \frac{\square}{10} = \frac{6}{10}$

f) $\frac{4}{12} + \frac{\square}{12} = \frac{7}{12}$

g) $\frac{3}{7} + \frac{\square}{7} = \frac{6}{7}$



- 4 Son o'qidan foydalanib, kasrlarni qo'shing.

a) $\frac{2}{3} + \frac{1}{3}$

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

d) $\frac{3}{9} + \frac{1}{9}$

e) $\frac{2}{4} + \frac{2}{4}$

f) $\frac{2}{7} + \frac{3}{7}$

g) $\frac{5}{12} + \frac{4}{12}$

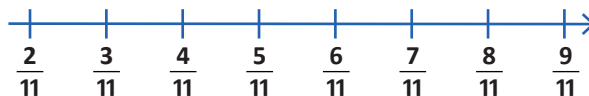
Son o'qida bir xil maxrajli to'g'ri kasrlarni ayirish

1 Son o'qida bir xil maxrajli to'g'ri kasrlarni ayiring.

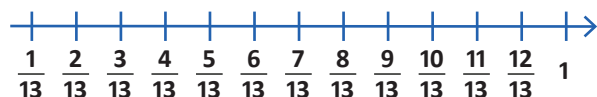
a) $\frac{2}{3} - \frac{1}{3}$



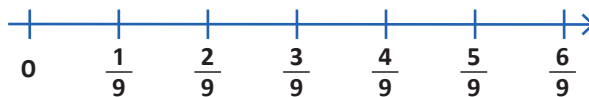
b) $\frac{9}{11} - \frac{7}{11}$



d) $\frac{12}{13} - \frac{8}{13}$



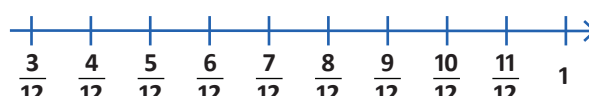
e) $\frac{6}{9} - \frac{5}{9}$



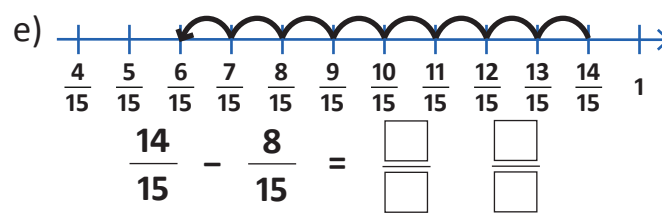
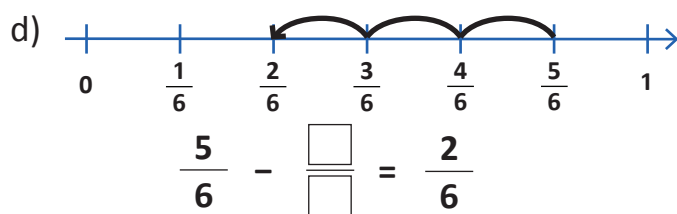
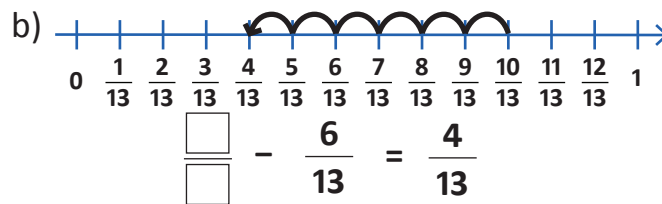
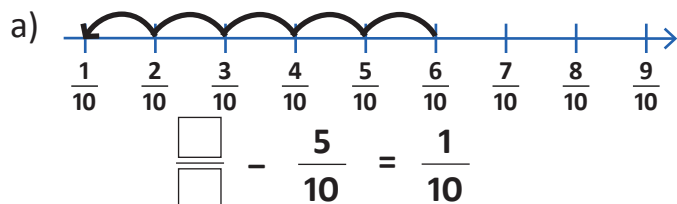
f) $\frac{4}{8} - \frac{2}{8}$



g) $\frac{9}{12} - \frac{4}{12}$



2 Son o'qidan foydalanib, bo'sh kataklarni to'ldiring.



3 Son o'qini chizing va undan foydalanib, kasrlarni ayiring.

a) $\frac{4}{8} - \frac{1}{8}$

b) $\frac{9}{11} - \frac{8}{11}$

d) $\frac{9}{12} - \frac{3}{12}$




e) $\frac{5}{10} - \frac{1}{10}$




f) $\frac{8}{14} - \frac{4}{14}$

g) $\frac{4}{7} - \frac{1}{7}$



Doira bo'laklaridan foydalanib, bir xil maxrajli to'g'ri kasrlarni qo'shish va teng kasrlarni ko'rsatish



1 Doira bo'laklaridan foydalanib, kasrlarni qo'shing.



a)  +  = 

b)  +  = 

2 Doira bo'laklaridan foydalanib, teng kasrlarni yozing.

a)  
 $\frac{1}{2} = \frac{\square}{6}$

b)  
 $\frac{\square}{6} = \frac{\square}{3}$

d)  
 $\frac{1}{4} = \frac{\square}{8}$



3 Doira bo'laklariga (1-4) teng kasrlarni (a-e) mos qo'ying va bo'sh kataklarni to'ldiring.

1)  

a) $\frac{1}{2} = \frac{\square}{4}$

2)  

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

3)  

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

4)  

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

4 Doira bo'laklaridan foydalanib, kasrlarni qo'shing. Hosil bo'lgan kasrlar orasidan $\frac{1}{2}$ ga teng bo'lganini belgilang.

a) $\frac{1}{4} + \frac{1}{4}$

b) $\frac{2}{4} + \frac{1}{4}$

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

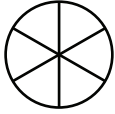
e) $\frac{1}{3} + \frac{2}{3}$

f) $\frac{1}{6} + \frac{1}{6}$

g) $\frac{2}{6} + \frac{1}{6}$

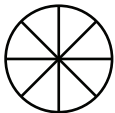
Doira bo'laklaridan foydalanib, bir xil maxrajli to'g'ri kasrlarni qo'shish va teng kasrlarni ko'rsatish

- 1** Doirani berilgan ko'rinishda daftaringizga chizing va topshiriqni bajaring. Hosil bo'lgan kasrga teng kasrni toping.

a)  Doiraning $\frac{2}{6}$ qismini yashil rangga bo'yang. Keyin yana $\frac{2}{6}$ qismini sariq rangga bo'yang. Doiraning qanday kasrga mos qismi bo'yaldi?

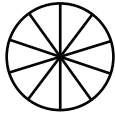
Yig'indini yozing.

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$

b)  Doiraning $\frac{2}{8}$ qismini ko'k rangga bo'yang. Keyin yana $\frac{2}{8}$ qismini qizil rangga bo'yang. Doiraning qanday kasrga mos qismi bo'yaldi?

Yig'indini yozing.

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$

d)  Doiraning $\frac{2}{10}$ qismini ko'k rangga bo'yang. Keyin yana $\frac{3}{10}$ qismini sariq rangga bo'yang. Doiraning qanday kasrga mos qismi bo'yaldi?

Yig'indini yozing.

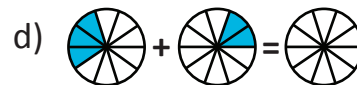
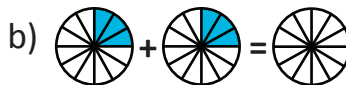
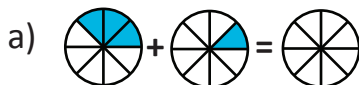
$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$



- 2** Doira bo'laklari bilan berilgan kasrlar tengligini tekshiring. Agar ular teng bo'lsa, orasiga "=", agar teng bo'lmasa, \neq belgisini qo'ying.



- 3** Doira bo'laklari bilan berilgan kasrlarni qo'shishni bajaring. Hosil bo'lgan kasrga teng kasrni toping va uni daftaringizda doira bo'laklarida tasvirlang.



Son o'qidan foydalanib, bir xil maxrajli to'g'ri kasrlarni qo'shish va ayirish

1 Son o'qidan foydalanib, kasrlarni ayiring. Hosil bo'lgan kasrga teng kasrni toping.

a) $\frac{5}{8} - \frac{1}{8} = \frac{\square}{\square}$

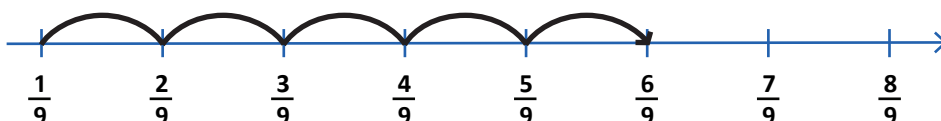


b) $\frac{3}{8} - \frac{1}{8} = \frac{\square}{\square}$

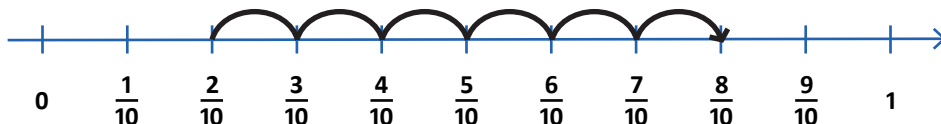


2 Son o'qidagi modelga qarab, kasrlar yig'indisini yozing va yig'indini toping. Hosil bo'lgan kasrga teng kasrni toping.

a) $\frac{1}{9} + \frac{\square}{9} = \frac{\square}{\square}$



b) $\frac{\square}{10} + \frac{\square}{\square} = \frac{\square}{\square}$



3 Son o'qini chizing va undan foydalanib, kasrlar ustida amallar bajaring.

a) $\frac{4}{7} + \frac{1}{7} = \frac{\square}{\square}$

b) $\frac{8}{12} - \frac{3}{12} = \frac{\square}{\square}$

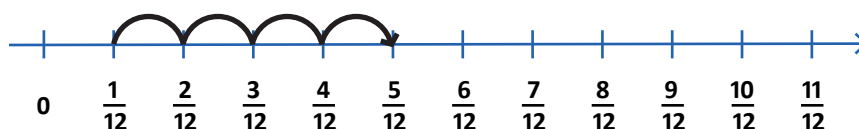
d) $\frac{11}{15} - \frac{2}{15} = \frac{\square}{\square}$

4 Son o'qidagi modelga qarab, kasrlar yig'indisini yozing va yig'indini toping.

a) $\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$



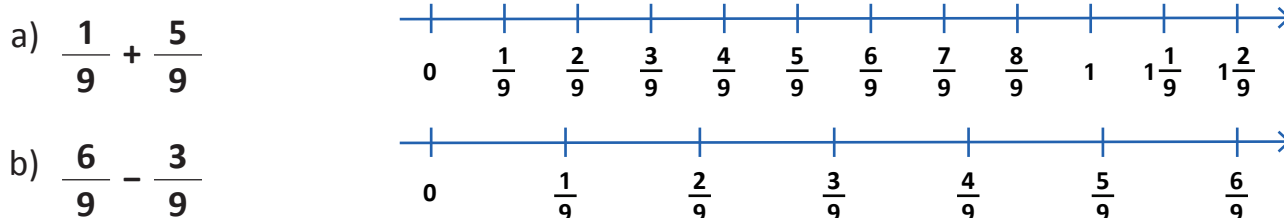
b) $\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$



- 1 Doira bo'laklarida berilgan kasrlar ustida amallar bajaring. Hosil bo'lgan kasrni daftaringizda doira bo'lagida tasvirlang.

a)  b)  d) 

- 2 Son o'qidan foydalanib, bir xil maxrajli to'g'ri kasrlar ustida amallar bajaring. Hosil bo'lgan kasrga teng kasrni toping.



- 3 Bir xil maxrajli to'g'ri kasrlar ustida amallar bajaring. Hosil bo'lgan kasrga teng kasrni toping.

a) $\frac{2}{6} + \frac{2}{6}$ b) $\frac{5}{8} - \frac{1}{8}$ d) $\frac{7}{9} - \frac{1}{9}$
 e) $\frac{1}{14} + \frac{6}{14}$ f) $\frac{7}{12} - \frac{3}{12}$ g) $\frac{9}{15} + \frac{1}{15}$



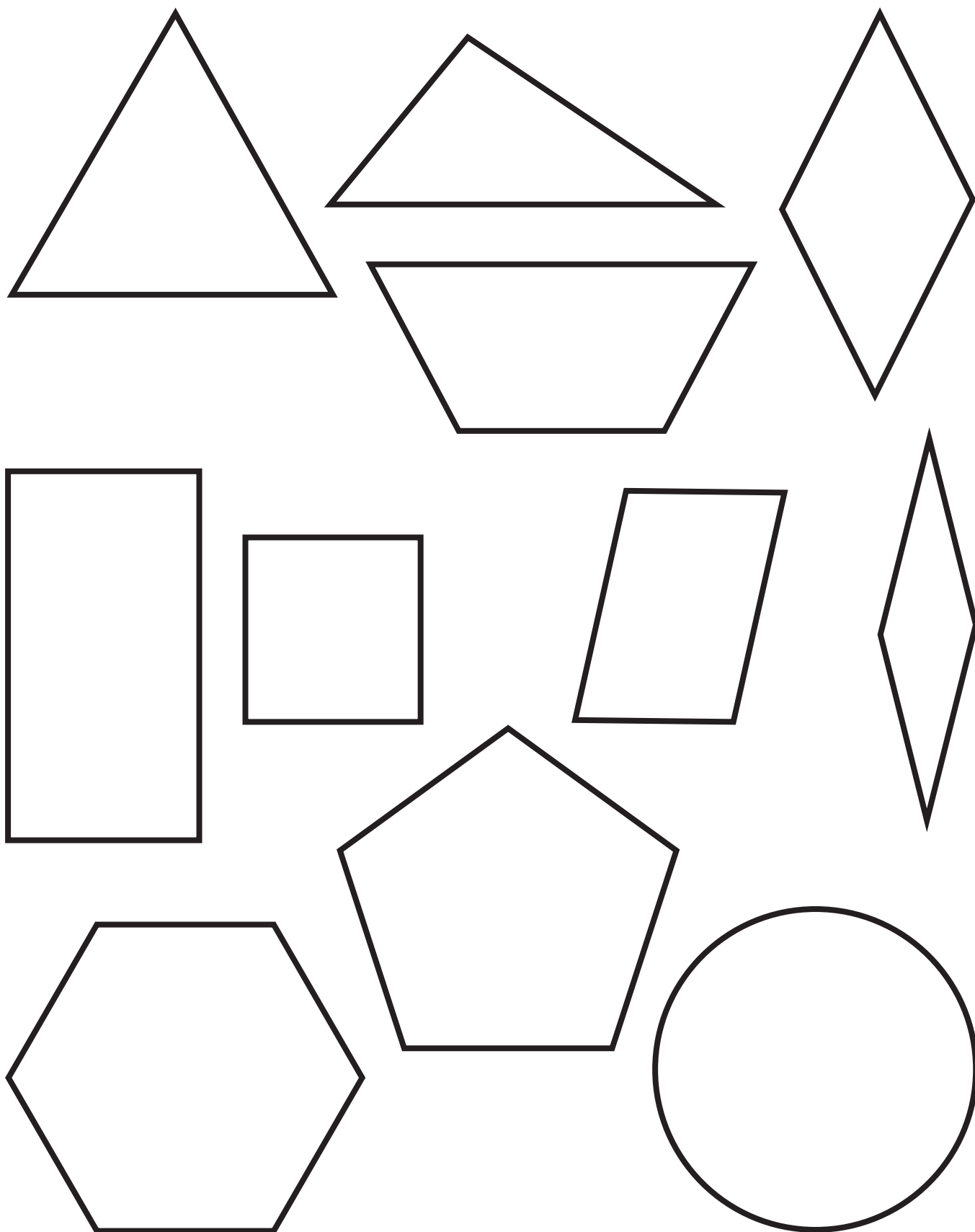
- 4 Doira bo'laklaridan foydalanib, bir xil maxrajli to'g'ri kasrlarni qo'shish yoki ayirishni bajaring.

a)  b)  d) 

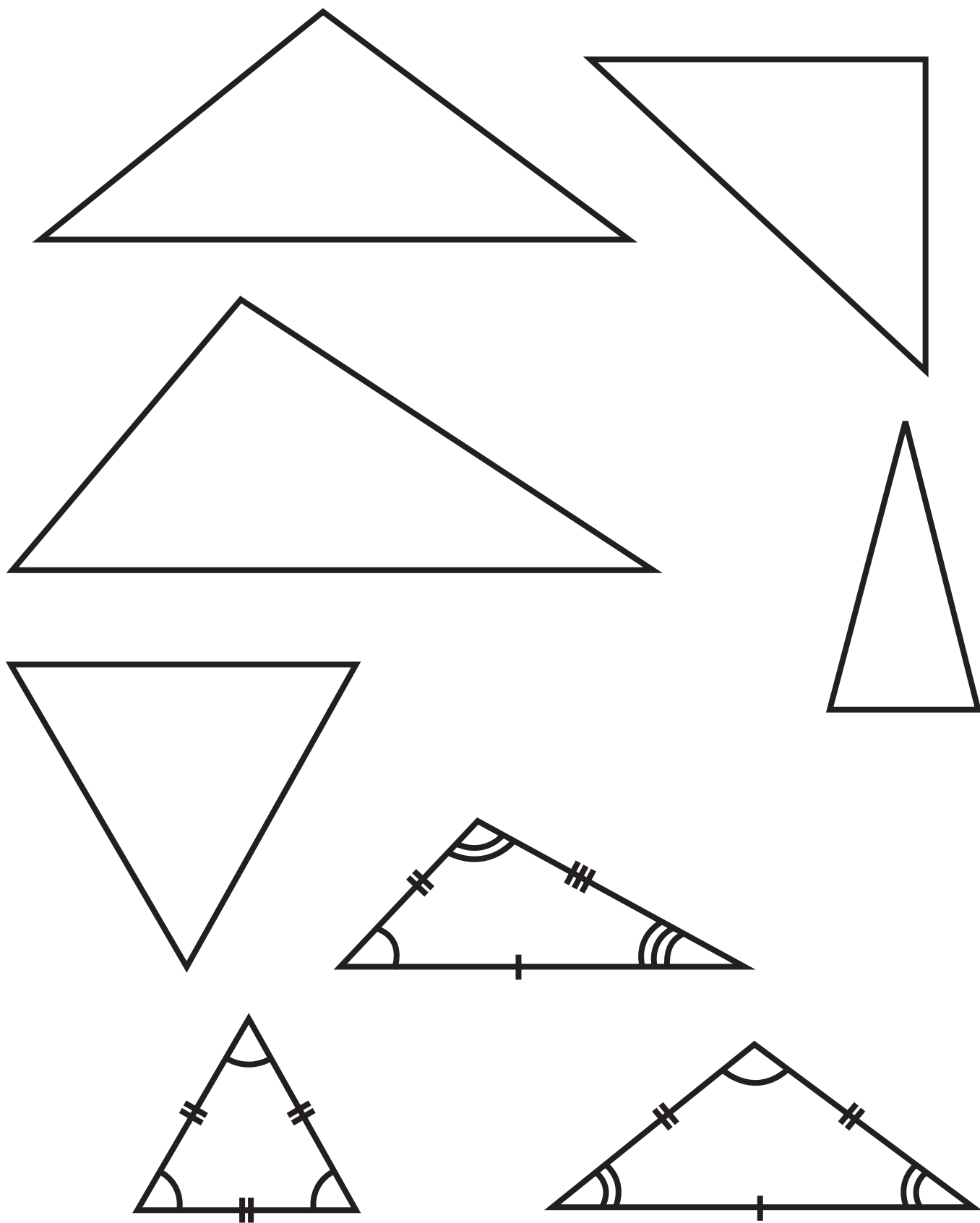
- 5 Son o'qidan foydalanib, bir xil maxrajli to'g'ri kasrlarni qo'shish yoki ayirishni bajaring. Hosil bo'lgan kasrga teng kasrni toping.

a) $\frac{7}{10} - \frac{2}{10}$ b) $\frac{8}{15} + \frac{7}{15}$ d) $\frac{5}{9} - \frac{2}{9}$

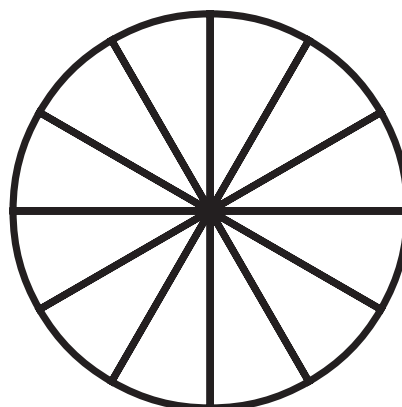
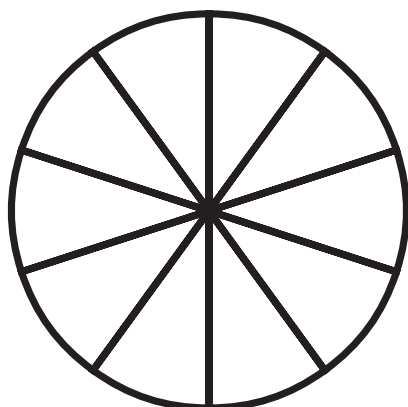
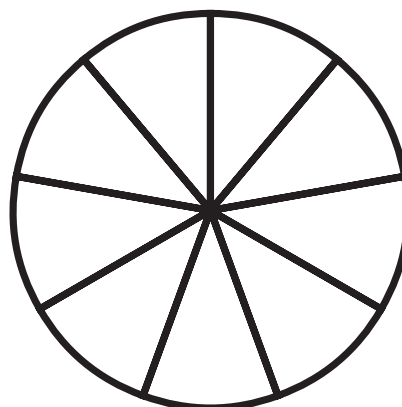
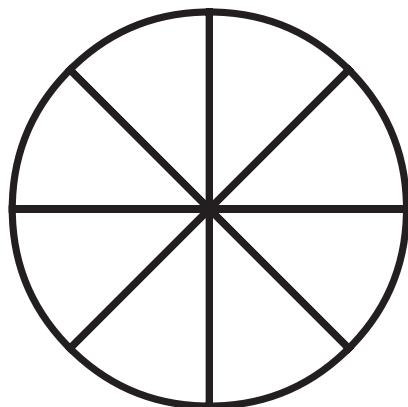
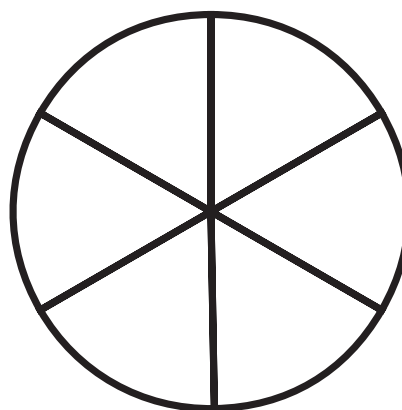
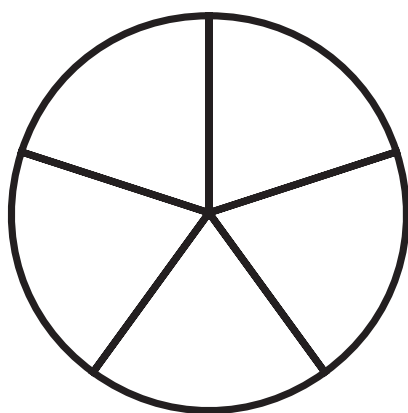
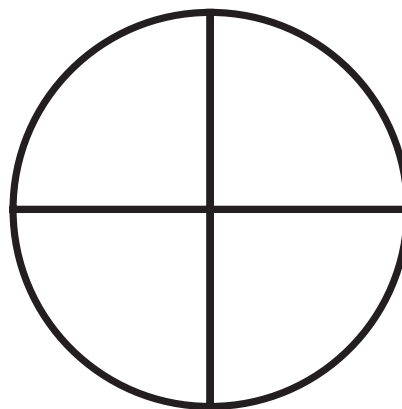
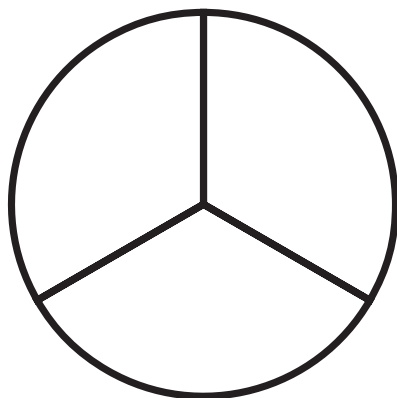
Yassi geometrik shakllar



Uchburchak turlari



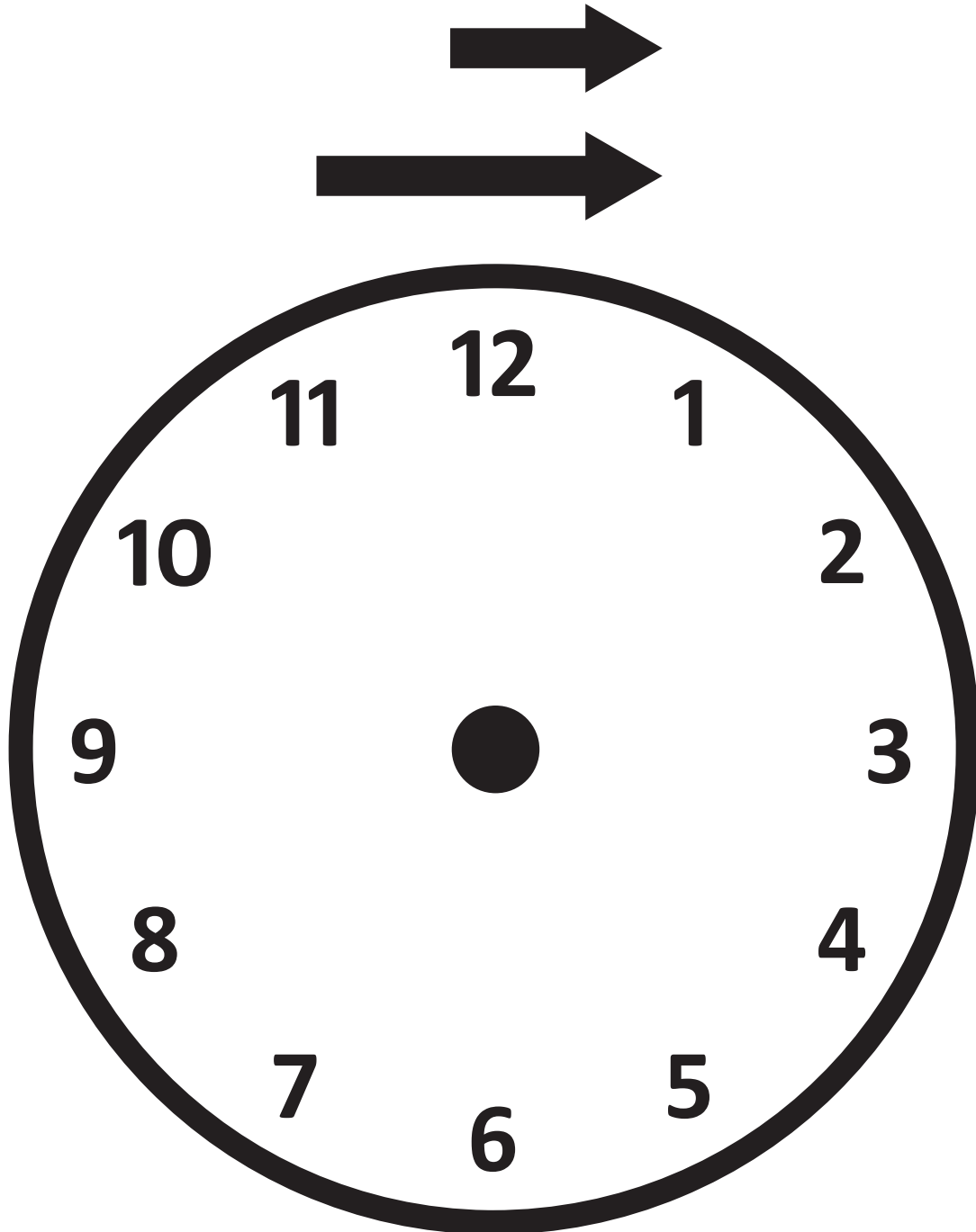
Doira bo'laklari



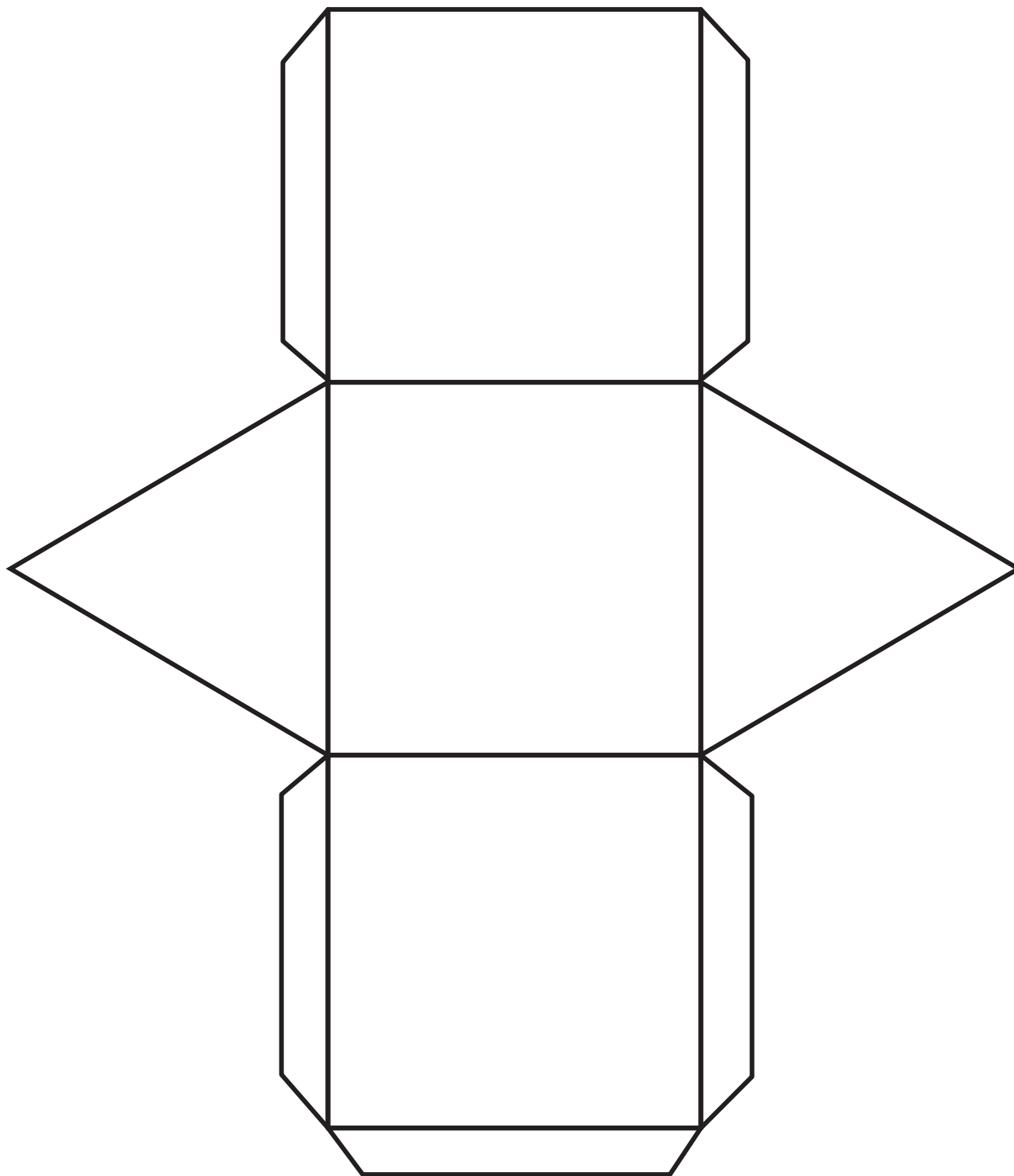
Kasr sonlar tasmasi

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

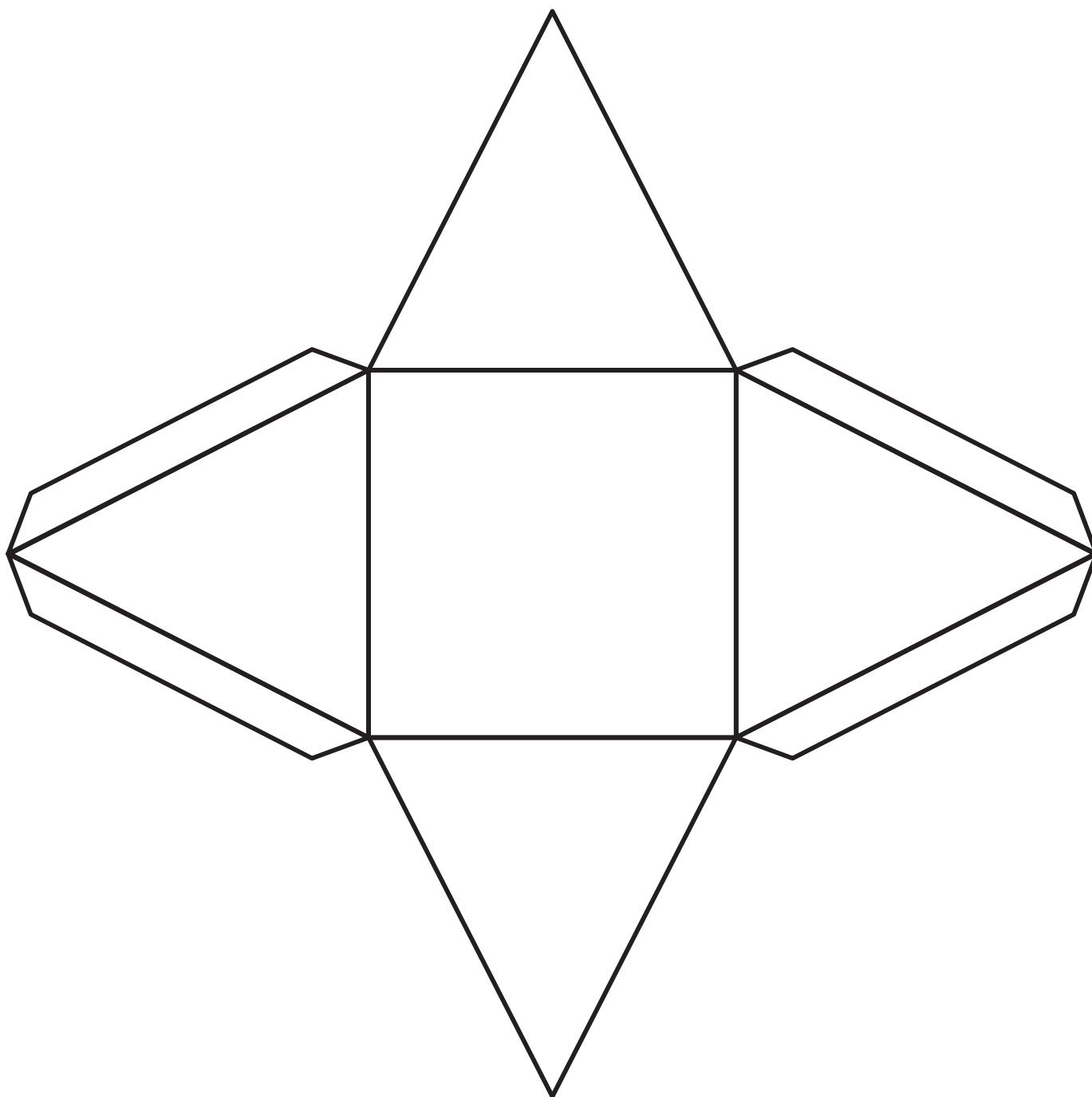
Soat maketi



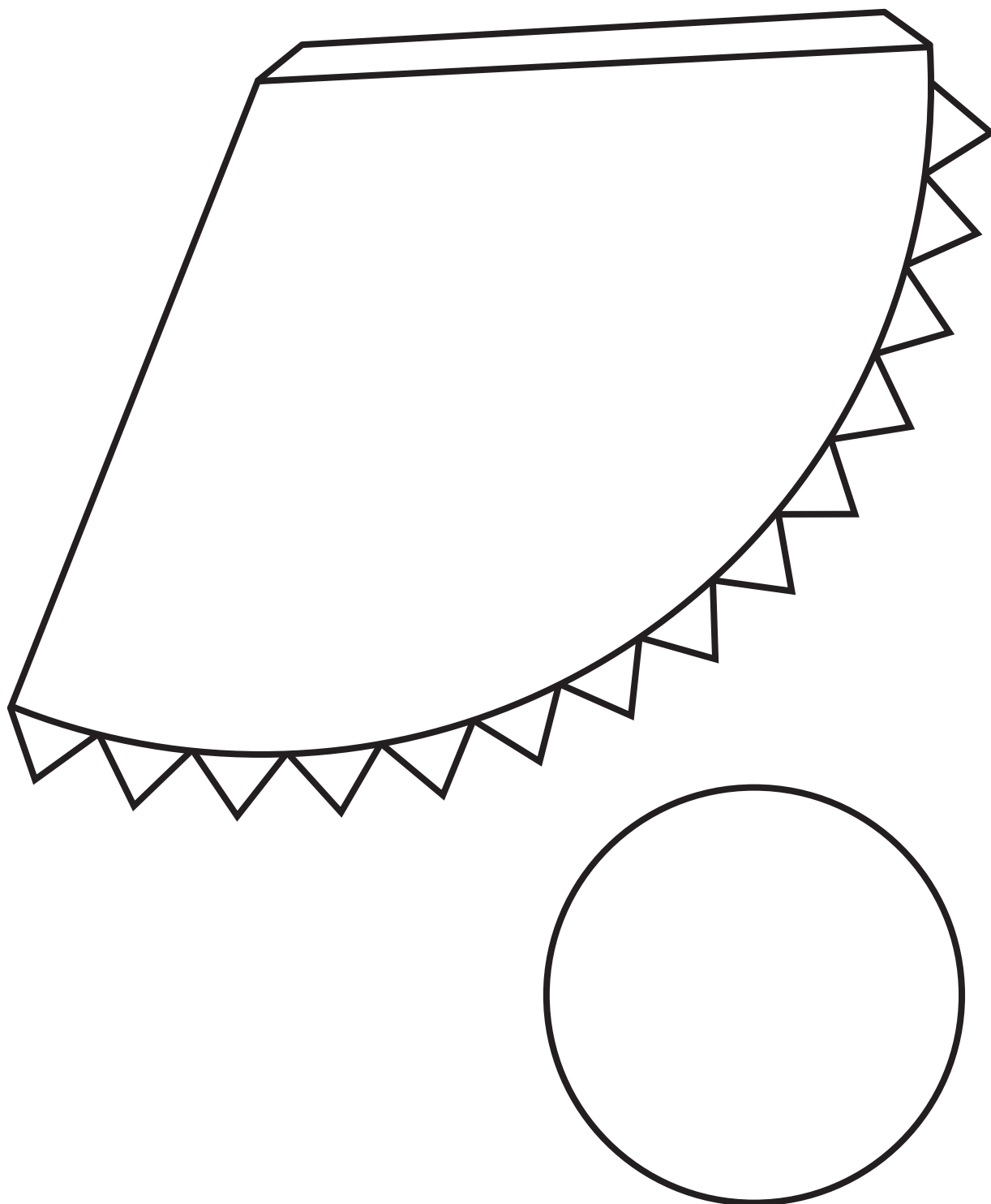
Fazoviy shakllar



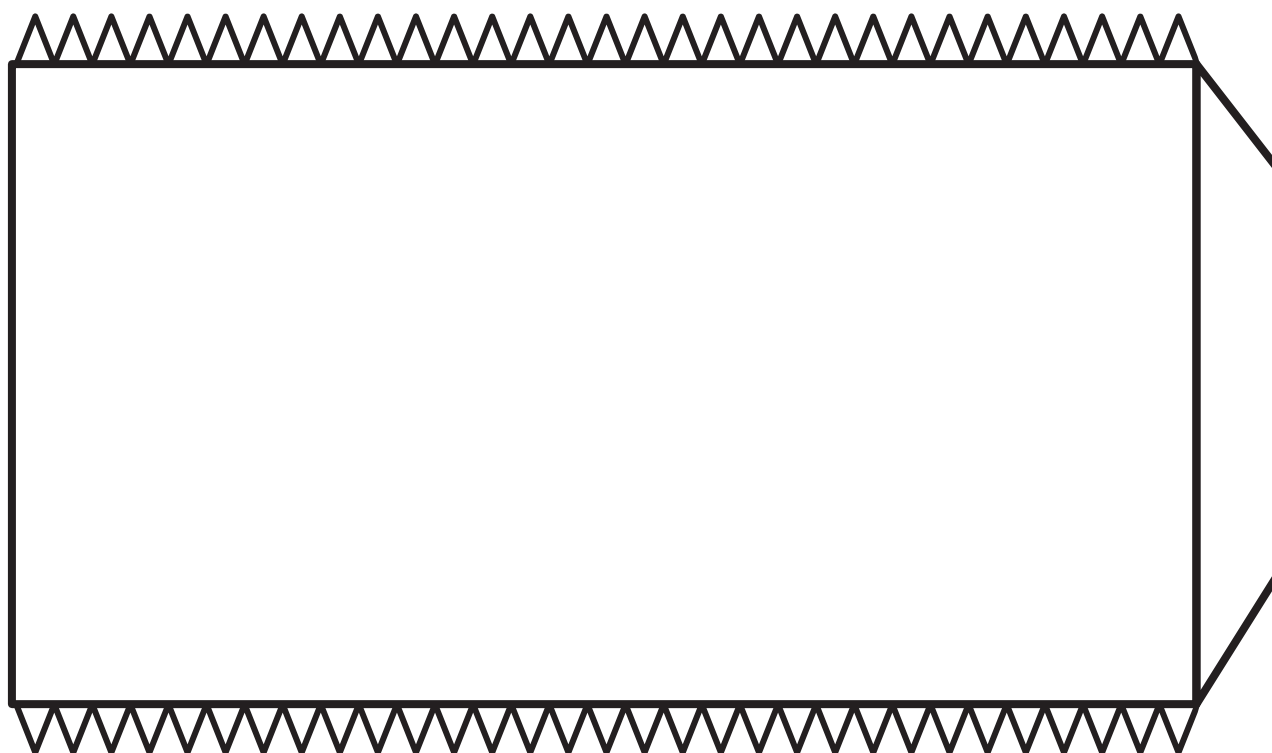
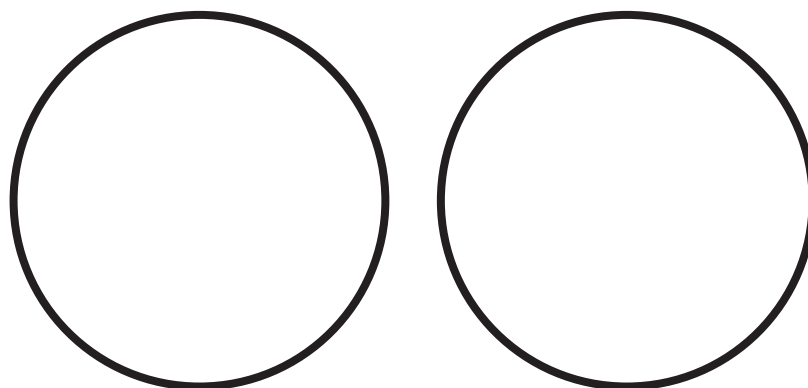
Fazoviy shakllar



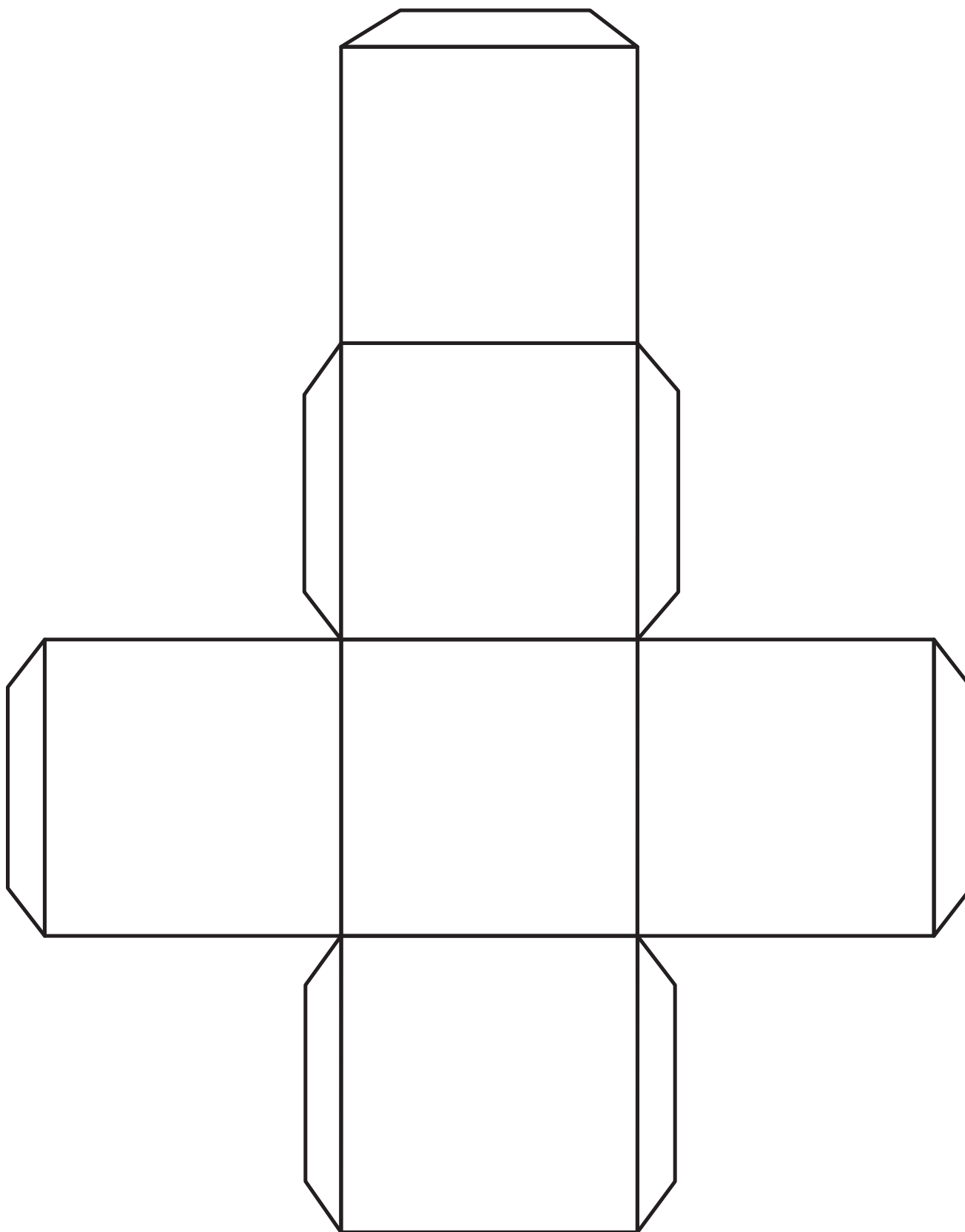
Fazoviy shakllar



Fazoviy shakllar



Fazoviy shakllar



Fazoviy shakllar

