

MATEMATIKA

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1-nji synpy üçin derslik*

*Özbekistan Respublikasynyň Halk bilimi ministrligi
tarapyndan neşire hödürlenildi*

Täze neşir

1

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Düzüjiler:

**Lolahan Orinbaýewa, Mamanazar Jumaýew,
Nigora Ruzikulowa, Umid Rahmanow, Şuhrat Ismailow,
Nodira Ismailowa, Nazimahanum Usmanowa**

Halkara ekspert:
Marselo Starikoff

Syn ýazanlar:

- F. Jumaýewa** — Daşkent şäheriniň Çilanzar tümenin-
däki 188-nji mekdebiň 1-nji derejeli
başlangyç synp mugallymy;
- D. Mirzaahmedowa** — Daşkent şäheriniň Mürze Ulugbek
tümenindäki HBMTFFIDU mekdebiniň
başlangyç synp mugallymy.

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— bilelikde ýerine ýetirýäris



— amaly sapak



— aklyly ýiteldýäris

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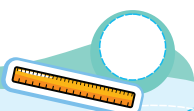
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1-nji bap
1-nji ders

ZATLARYŇ TOPARLARY



1-nji bap | Zatlaryň özara ýerleşiş i (üstünde, aşagynda, içinde, arasynda)

1



Kitaplar stoluň üstünde.

Pökgi stoluň aşagynda.

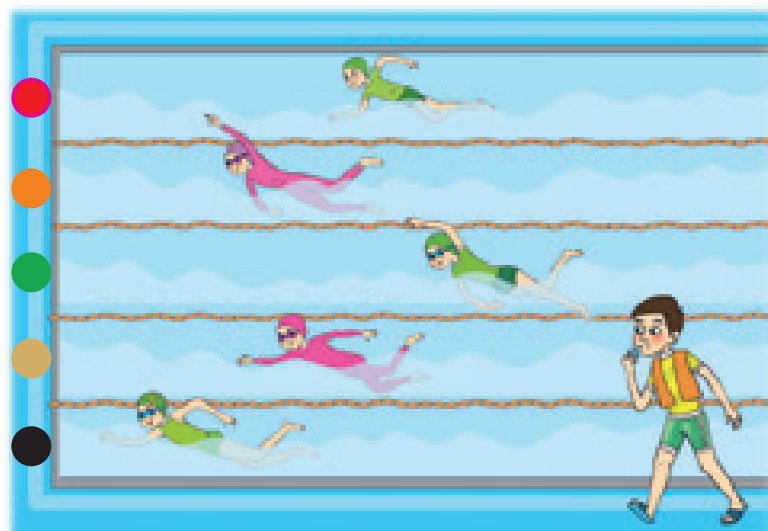
Stoluň üstünde ýene nämeleri görýärsiňiz?

Stoluň aşagynda näme?

2

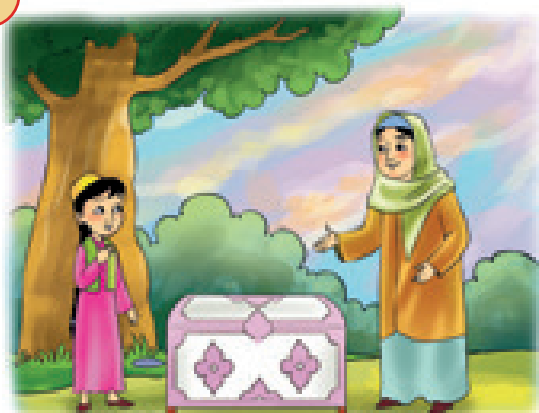
Çagalar suw basseýniniň içinde.

Haýsy ýodadaky çaga iň öňde?



Kim suw basseýniniň daşynda?

3



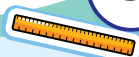
Sandyk mama bilen Zumradyň arasynda.

4



Haýsy haýwan galanlarynyň arasynda?

5



1-nji bap
3-nji ders

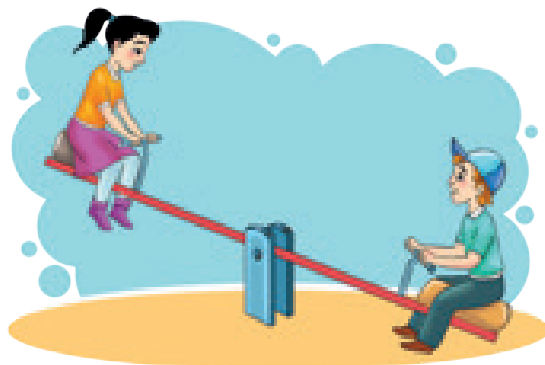
Zatlaryň özara ýerleşşi (ýokarda, aşakda, öňünde, arkasynda)

1



Kim ýokarda?

Kim aşakda?



2



– öýjagazyň öňünde.

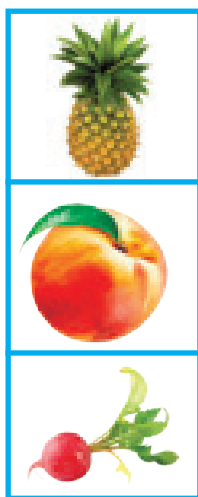


– öýjagazyň arkasynda.



– it bilen agajyň arasynda.

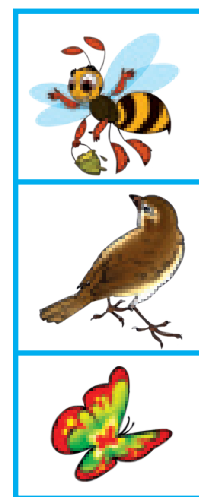
3



Haýsasy iň aşakda?

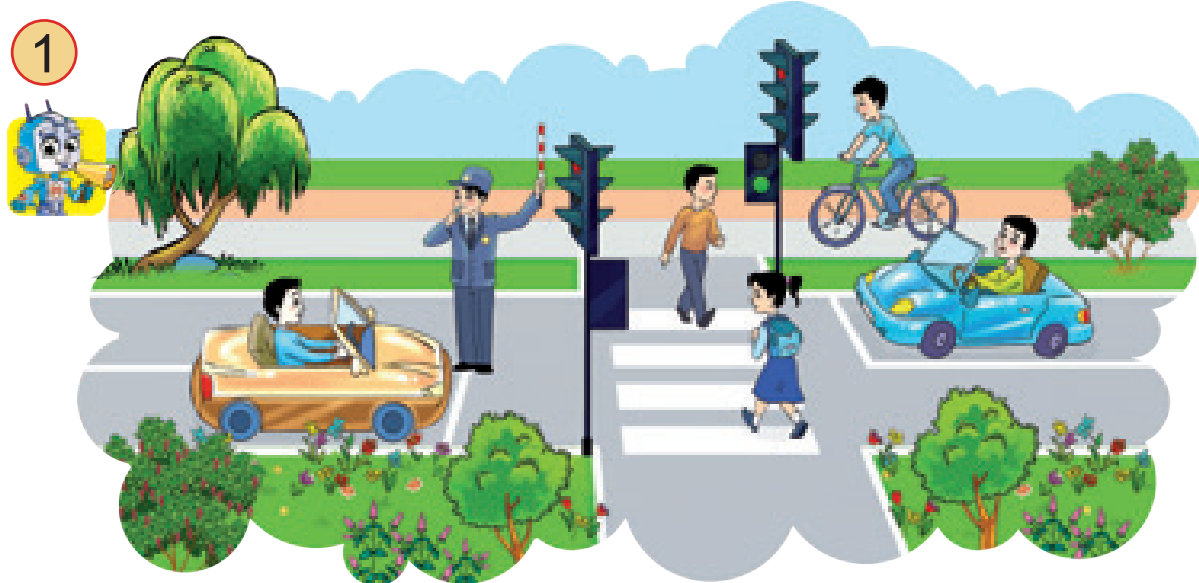
Haýsasy iň ýokarda?

Haýsasy galanlarynyň arasynda?



1-nji bap
4-nji ders

Zatlaryň özara ýerleşişini
(sagda, çepde)



– gyzyň sag tarapynda.

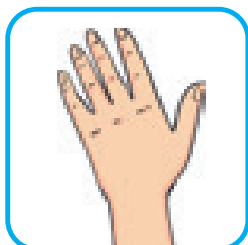


– gyzyň çep tarapynda.

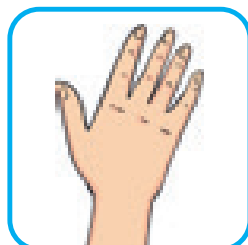
2



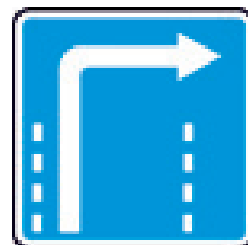
çepde
ýöreyäris



çep el



sag el



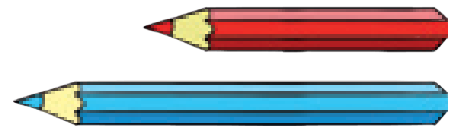
sagda
ýöreyäris

3 Haýsısy sagda, çepde, arasynda?



1-nji bap | Zatlary deňeşdirmek
5-nji ders (uzyn gysga, giň-dar, belent-pes)

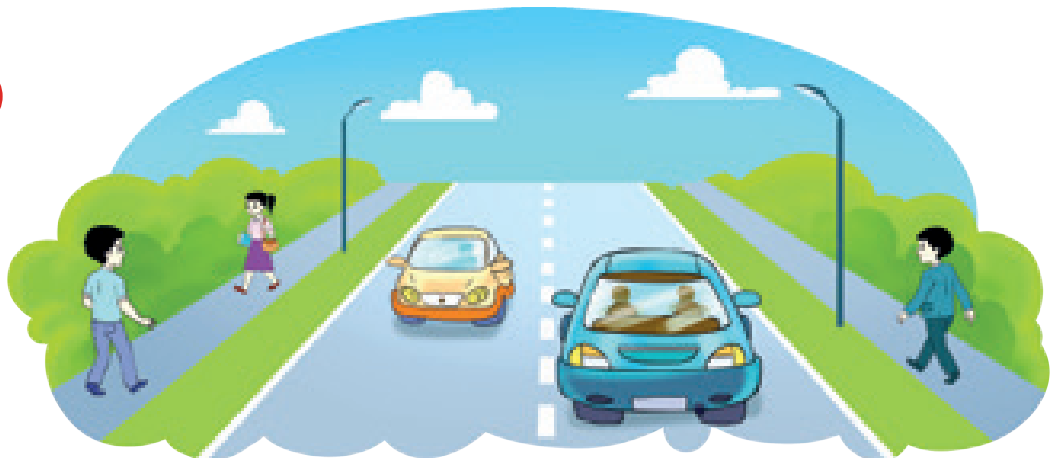
1



Awtobus maşyndan
uzyn.

Gyzyl galam gök
galamdan gysga.

2



Awtomobil ýoly pyýadalar ýodasyndan giň.
Pyýadalar ýodasy awtomobil ýolundan dar.

3

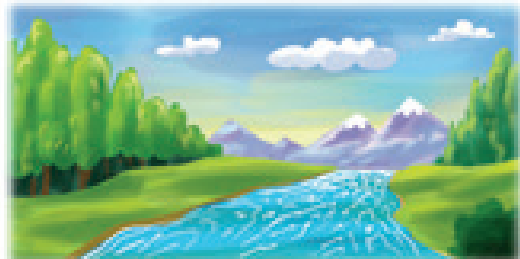
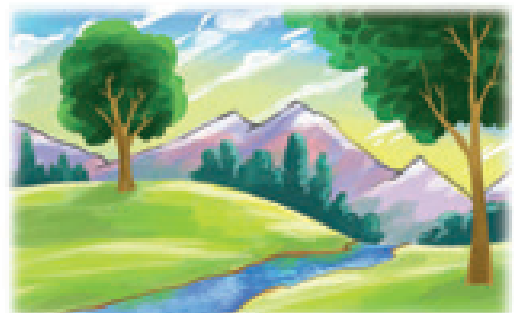


Haýsy bina iň belent,
haýsyy iň pes?



4

Ýaplardan haýsyy
giňräk?



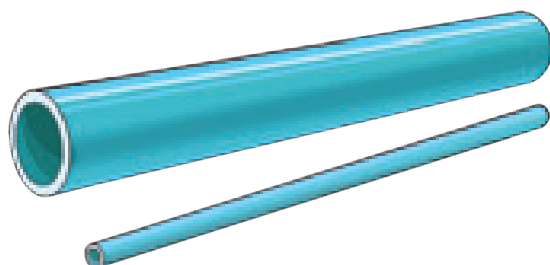
1-nji bap
6-njy ders

Zatlary deňeşdirmek
(ýogyn-inçe, galyň-ýuka)

1

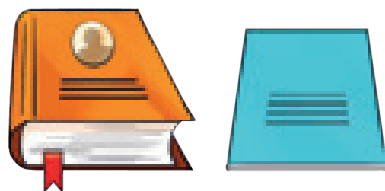


Tanap ýüpden ýogyn.

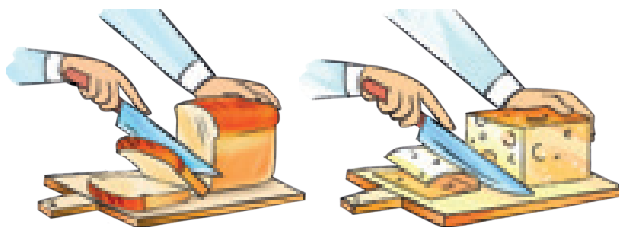


Agaçlaryň we turbalaryň ýogyn ýa-da inçedigini tapawutlandyrýarys.

2



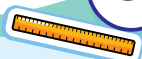
Kitap depderden galyň.



Peýniriň bölegi çöregiň böleginden ýuka.

3

Haýsasy inçeräk, haýsasy iň ýogyn?

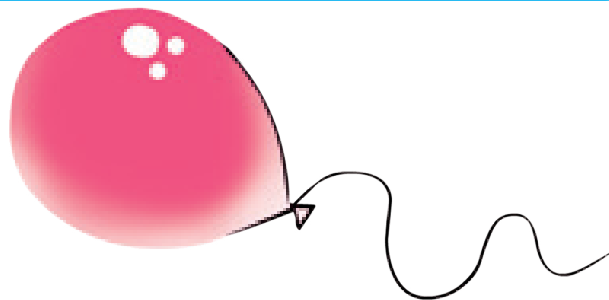


1-nji bap
7-nji ders

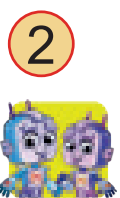
Zatlary deňeşdirmek
(agyr-ýeňil, agyrrak-ýeňilrāk)



Pökgi şardan agyr.



Şar pökgüden ýeňil.



Näme üçin göterip bilmedi?



Näme üçin göterip bildi?

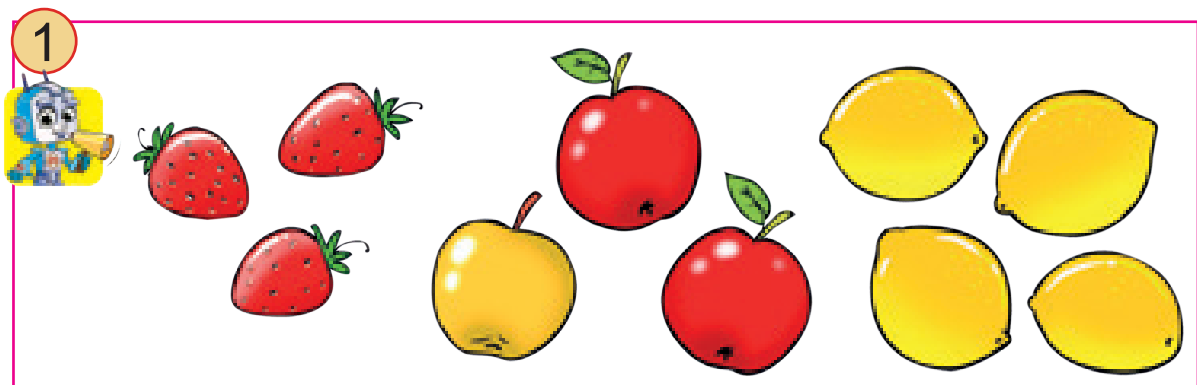


Haýsysy agyrrak?



1-nji bap
8-nji ders

Zatlary deňeşdirmek
(reňki, şekli boýunça)

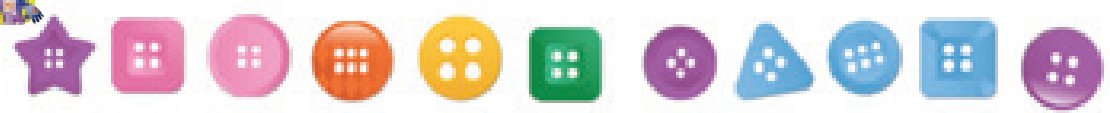


Gyzyl miweleriň adyny aýdýarys.
Sary miweleriň adyny aýdýarys.

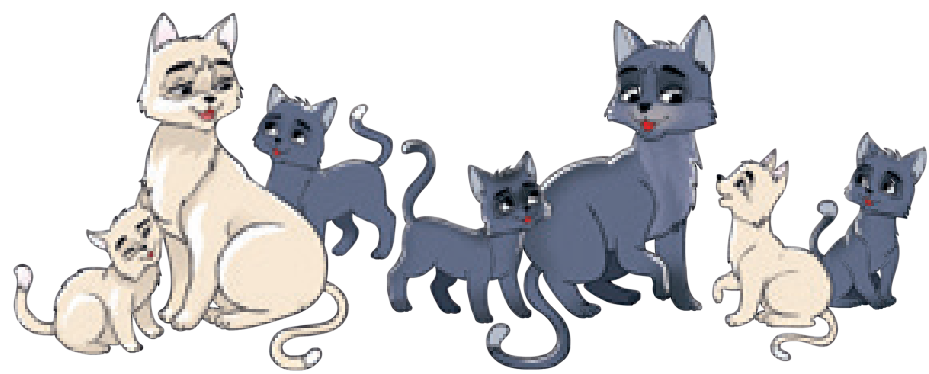
2 Şekli birmeňzeş bolan ilikleri görkezýäris.



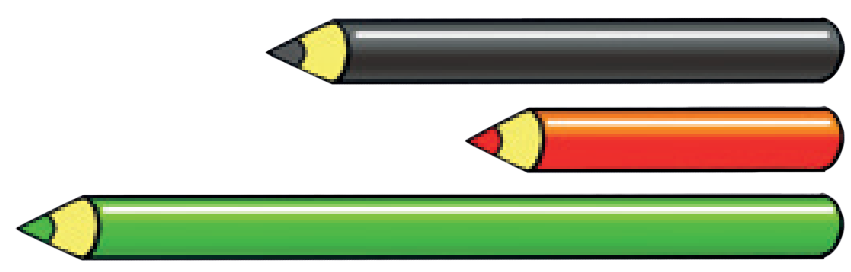
Haýsylarynyň reňki birmeňzeş?



3 Haýsy haýwan şekillendirilen? Olar nähili reňkde?



4 Tapýarys: iň uzyn däl, gyzyl däl.



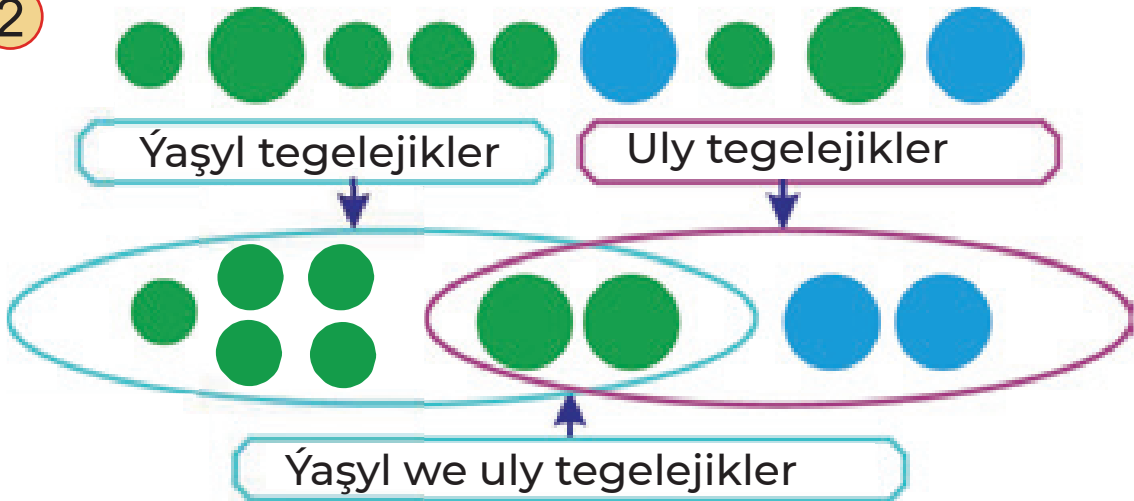
1-nji bap | Zatlary häsiýetleri boýunça toparlarga bölmeк

9-njy ders

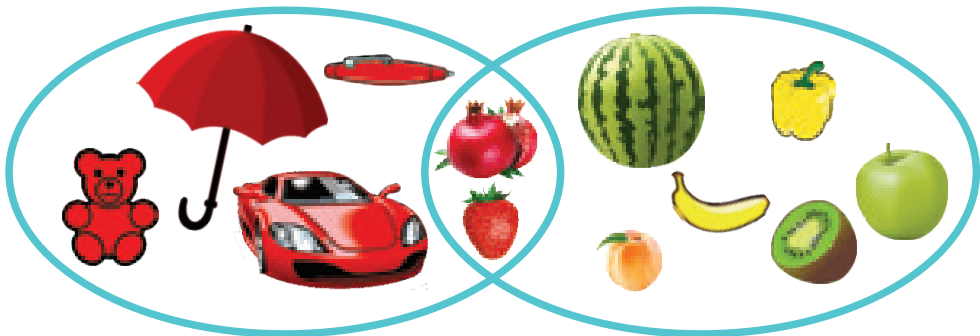


Ýazanda ulanylýar: ...
Çyzanda ulanylýar: ...
Gyrkanda ulanylýar: ...

2

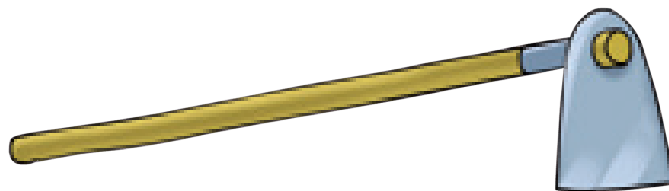
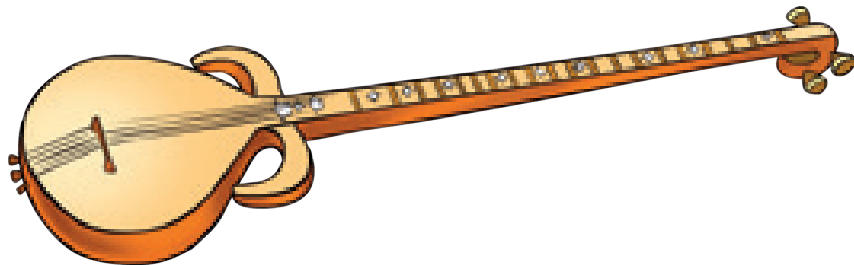


3 Zatlar nähili bölünen?



1-nji bap | Zatlary häsiýetleri boýunça 10-njy ders | toparlara bölmek

1

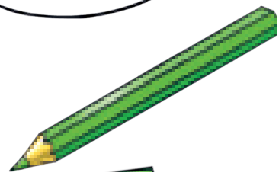
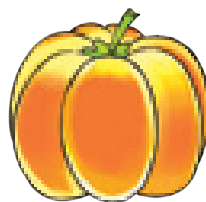


Suratdaky gurallaryň materialy birmeňzeş.
Olar nähili wezipeleri ýerine ýetirýär?

2



Sport enjamlaryny we okuw gurallaryny
toparlara bölýäris.
Näme artykmaç?



2-nji bap
1-nji ders

1-DEN 10-A ÇENLI BOLAN SANLAR

Zatlary
sanaýarys.

1

bir

2

iki

3

üç

4

dört

5

bäş

6

alty

7

ýedi

8

sekiz

9

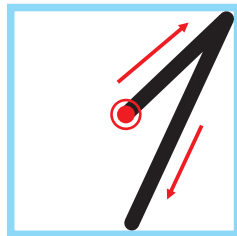
dokuz

10

on

2-nji bap | 1-den 10-a çenli bolan sanlaryň okalyşy we ýazylyşy. 1 sany
2-nji ders

1

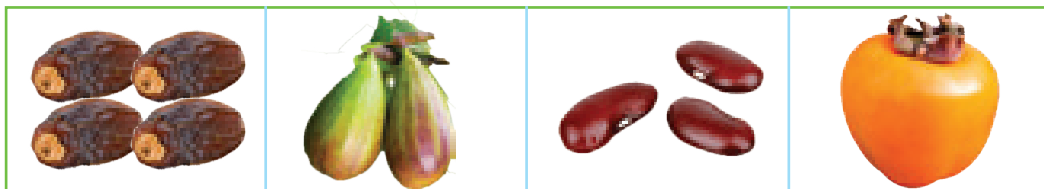


1

2 Haýsy zatlar bir sanydan?

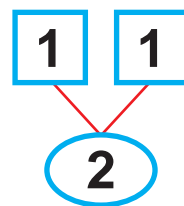
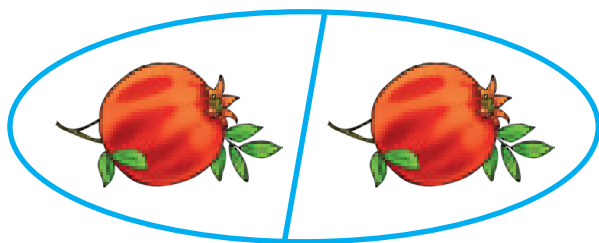
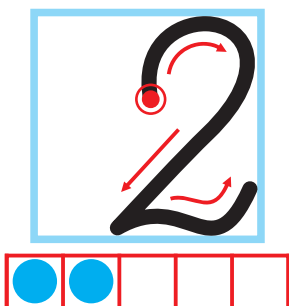


3 Haýsasy bir sany?



2-nji bap | 1-den 10-a çenli bolan sanlaryň
3-nji ders | okalyşy we ýazylyşy. 2 sany

1



2 Ýylidyzyklar näçe sany?



Boş gözenekler näçe?



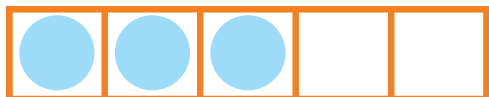
3 Bir sanydanmy? Ikidenmi?



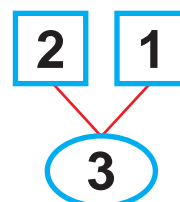
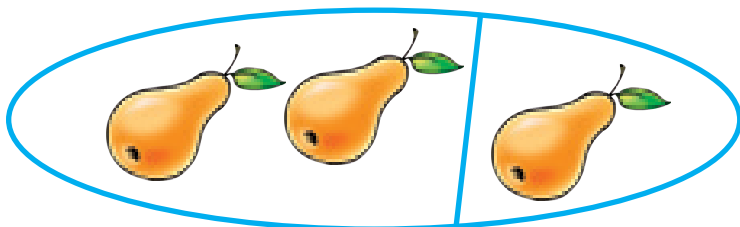
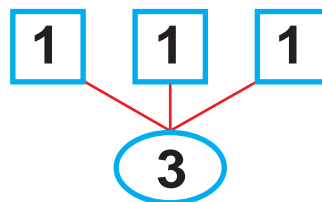
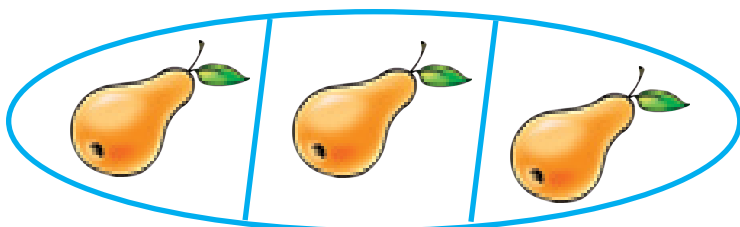
2-nji bap
4-nji ders

1-den 10-a çenli bolan sanlaryň
okalyşy we ýazylyşy. 3 sany

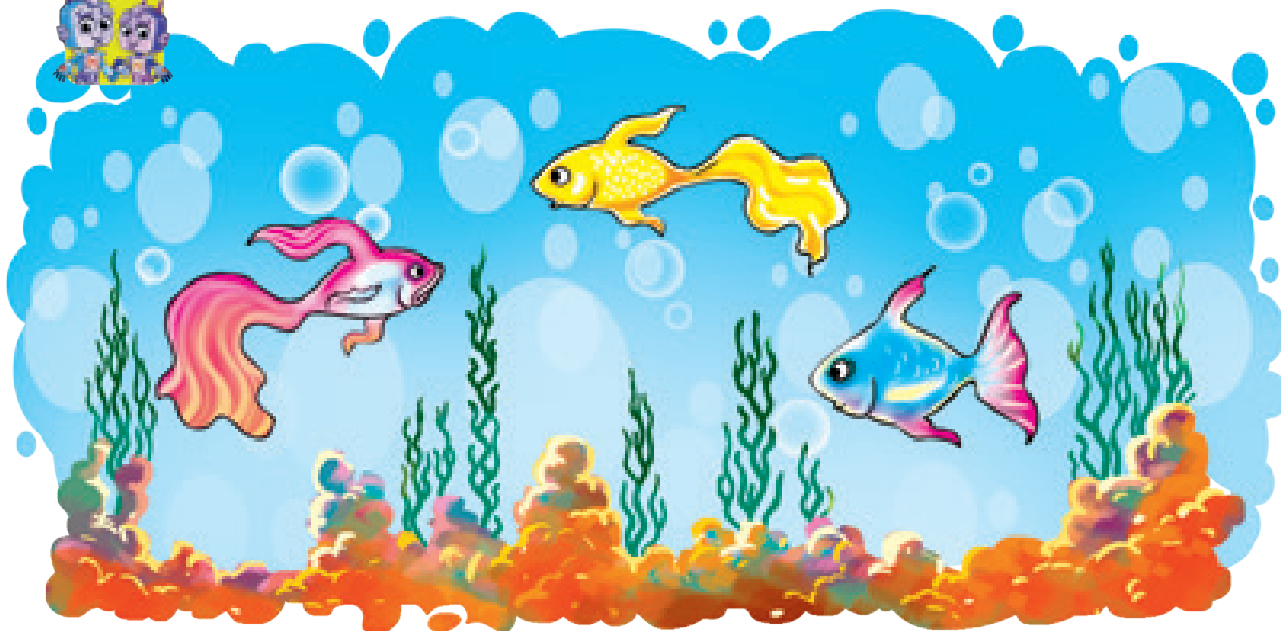
1



Tegelejikler näçe sany?
Boş gözenekler näçe?



2 Näçe sany balyk sary reňkli дәl?



6

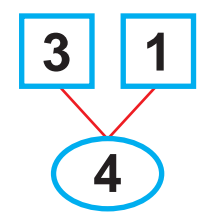
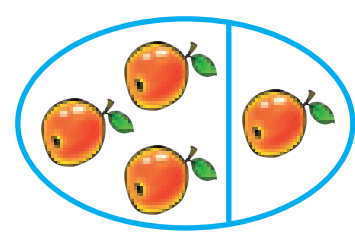
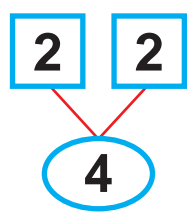
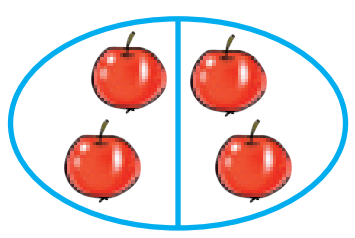
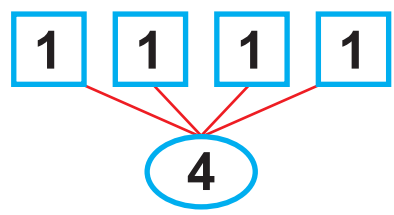
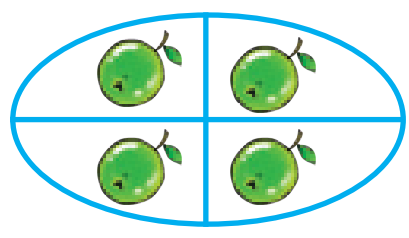
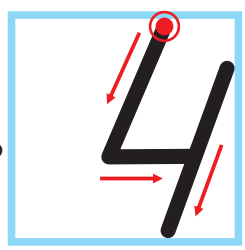


2-nji bap | 1-den 10-a çenli bolan sanlaryň
5-nji ders | okalyşy we ýazylyşy. 4 sany

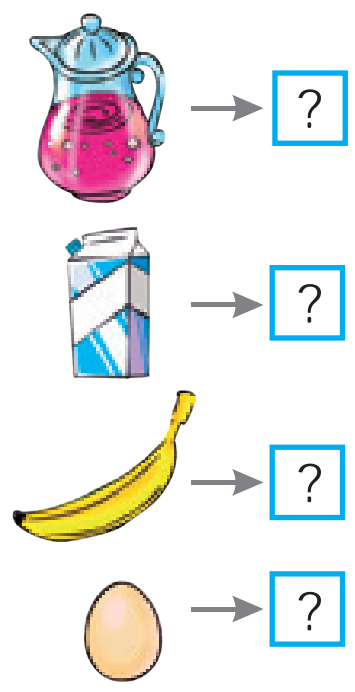
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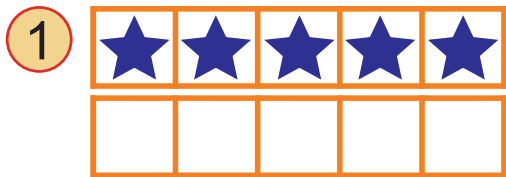
Ýyldyzjyklar näçe sany?
 Boş gözenekler näçe?



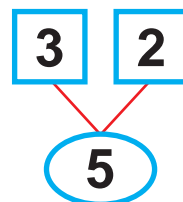
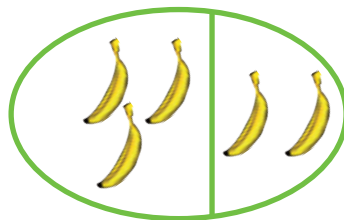
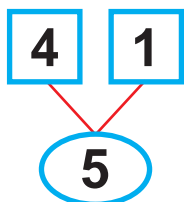
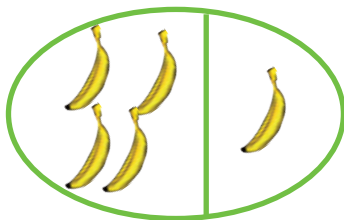
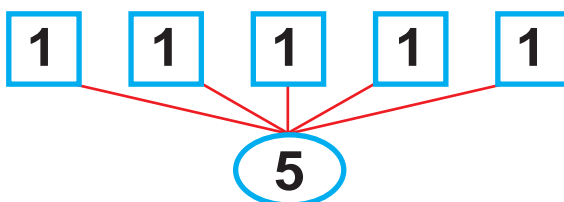
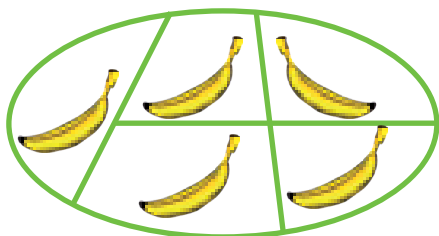
2 Sowadyjdaky zatlar näçe sanydan?



2-nji bap | 1-den 10-a çenli bolan sanlaryň
6-njy ders | okalyşy we ýazylyşy. 5 sany



Ýyldyzjyklar näçe sany?
 Boş gözenekler näçe?

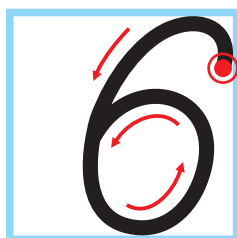
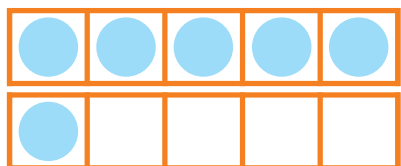


2 Iki gatly sumkamyza kitaplary ýerleşdirýäris.

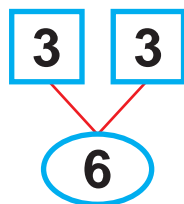
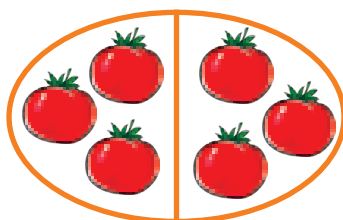
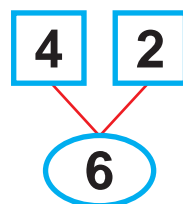
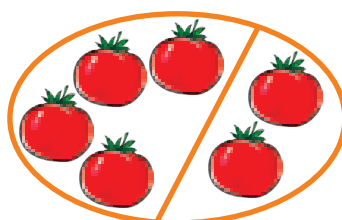
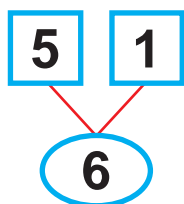
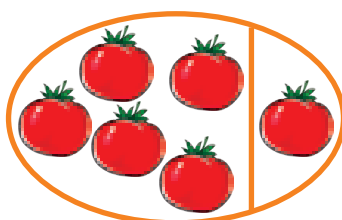
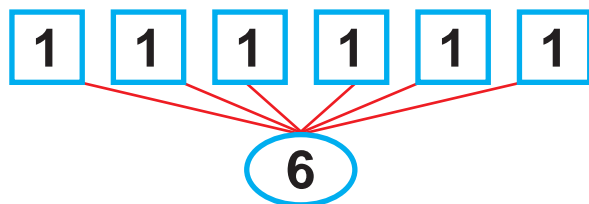
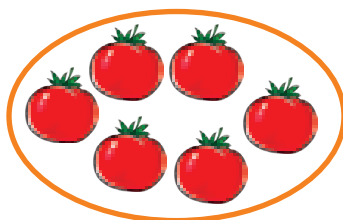


2-nji bap | 1-den 10-a çenli bolan sanlaryň
7-nji ders | okalyşy we ýazylyşy. 6 sany

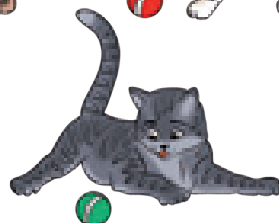
1



Tegelejikler näçe sany?
 Boş gözenekler näçe?



2



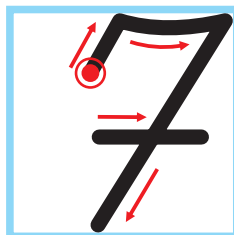
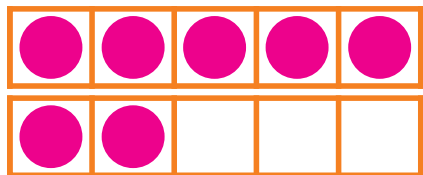
Pişijekler näçe? Gyzyl pökgüler näçe?



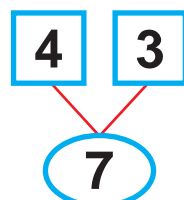
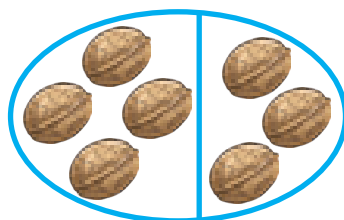
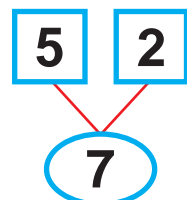
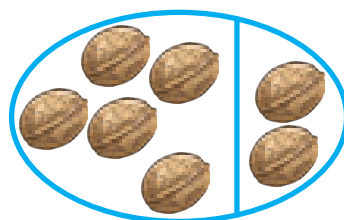
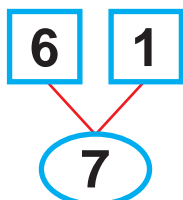
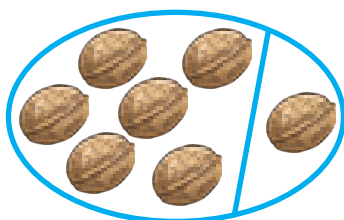
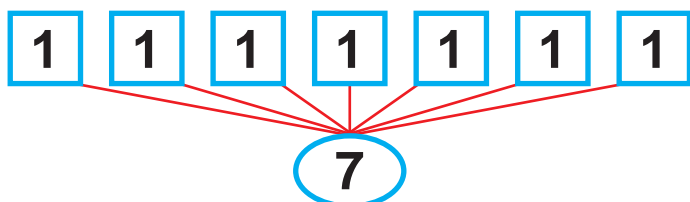
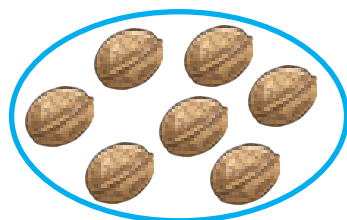
2-nji bap
8-nji ders

1-den 10-a çenli bolan sanlaryň
okalyşy we ýazylyşy. 7 sany

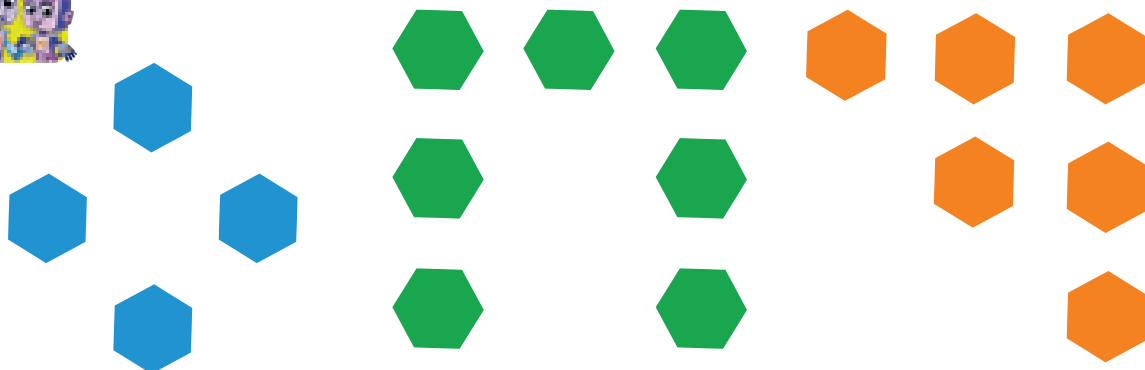
1



Tegelejikler näçe sany?
Boş gözenekler näçe?



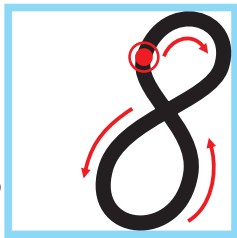
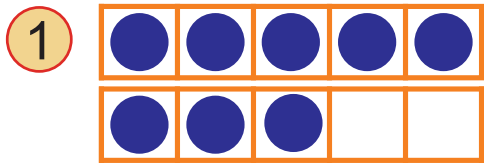
2 Haýsyy ýedi sany?



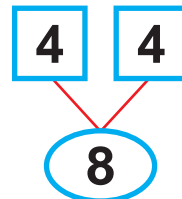
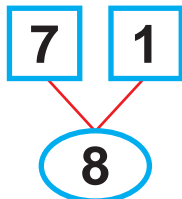
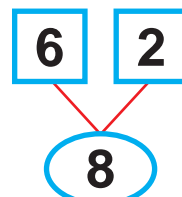
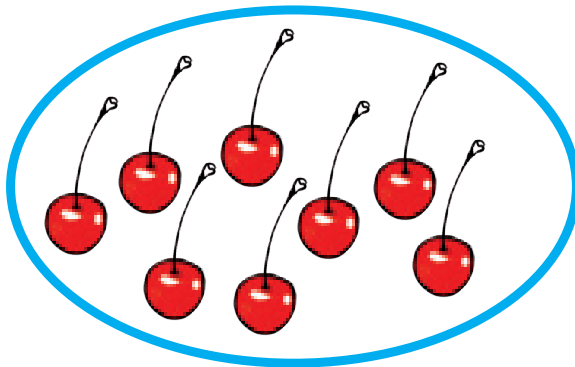
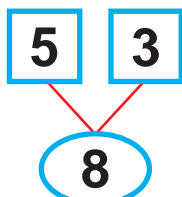
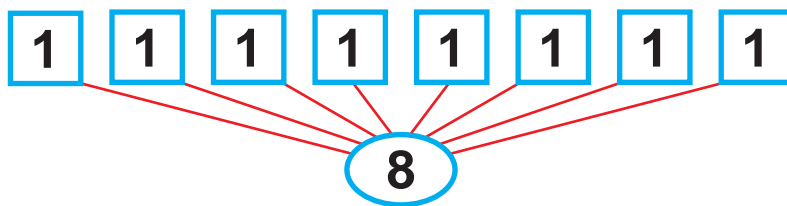
6



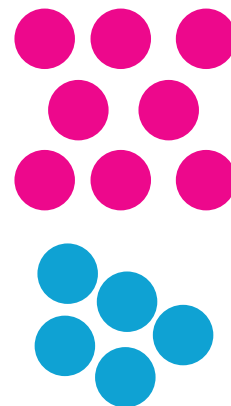
2-nji bap | 1-den 10-a çenli bolan sanlaryň
9-njy ders | okalyşy we ýazylyşy. 8 sany



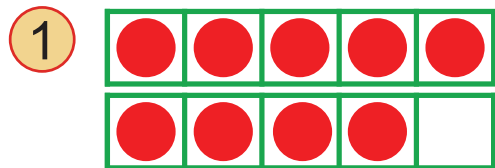
Tegelejikler näçe sany?
 Boş gözenekler näçe?



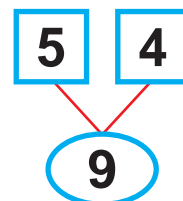
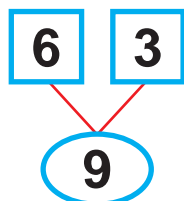
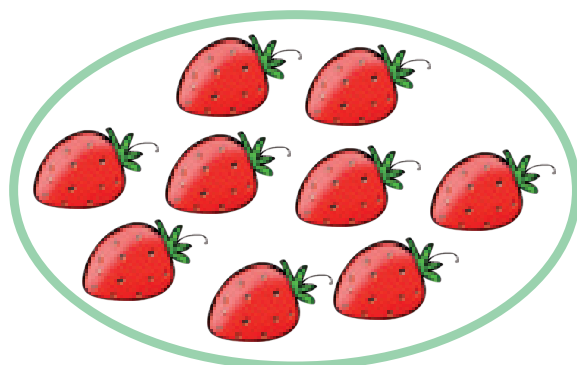
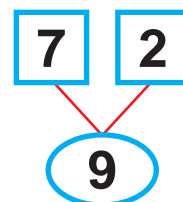
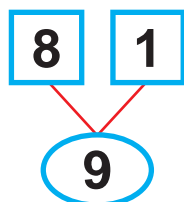
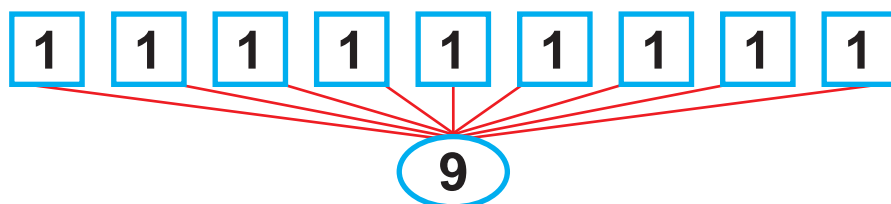
2 Sanaýarys. Nämeler sekiz sanydan?



2-nji bap | 1-den 10-a çenli bolan sanlaryň
10-njy ders | okalyşy we ýazylyşy. 9 sany



Tegelejikler näçe sany?
Boş gözenekler näçe?



2 Näge sportçy pellehanadan geçipdir?



6

5 > 1

9

0

8

23

1 = 7

4

2

5

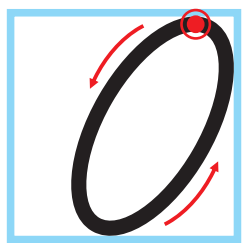
6



3

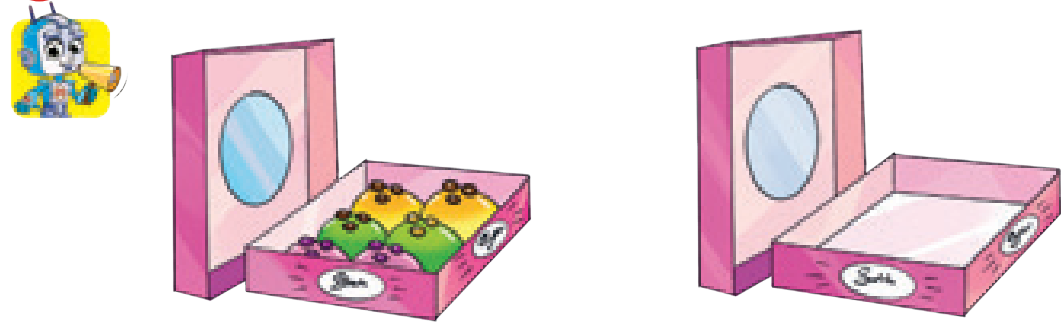
2-nji bap | **0 sany**
11-nji ders

1 
 Tegelejikler näçe sany?

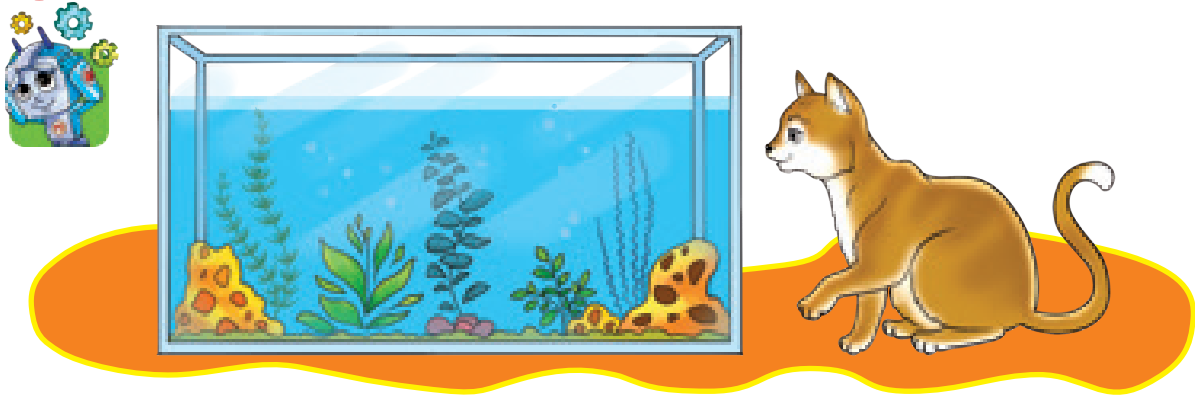


Gök tegelejik näçe? ● ● ●

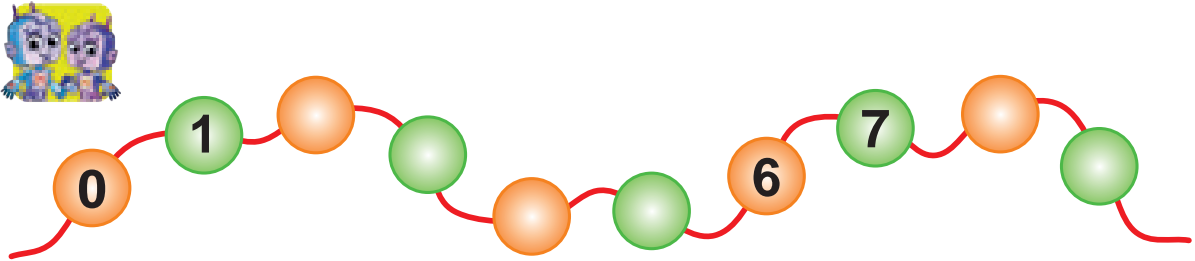
2 Gutulardaky süýjülikler näçe sanydan?



3 Akwariumda näçe balyk bar?



4 Haýsy sanlar düşüp galypdyr?

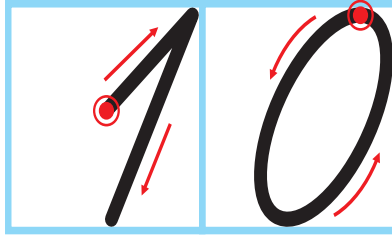
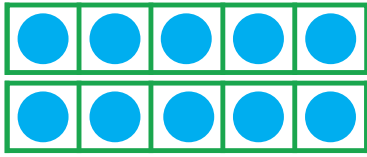


6
 6
 3
 5 > 2
 4
 7 = 7
 24
 8
 0
 9
 1 < 5

2-nji bap
12-nji ders

10 sany

1

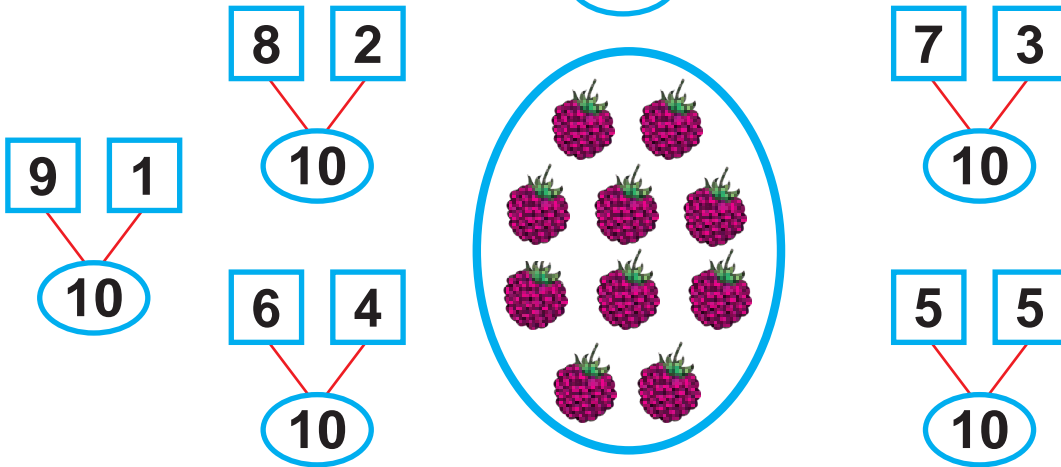


Tegelejikler näçe sany?

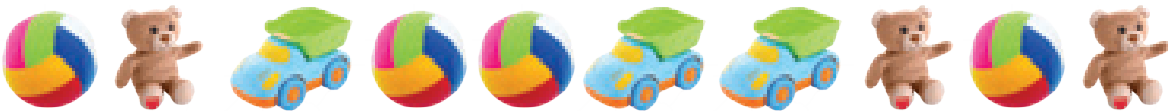
Boş gözenekler näçe?



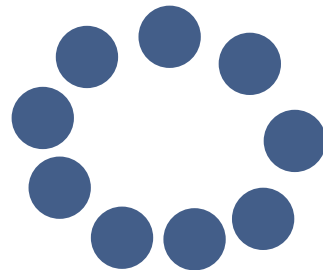
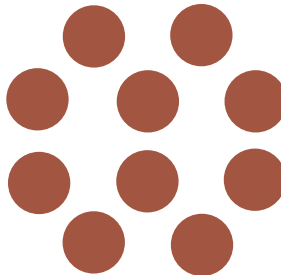
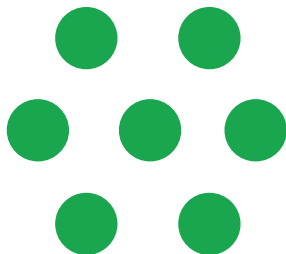
10



2) Üçünji ýerde näme dur? Onunjyda näme?



3) Haýsyy köpräk? Haýsyy azrak?



$5 > 1$

9

0

8

25

$1 = 7$

4

2

5

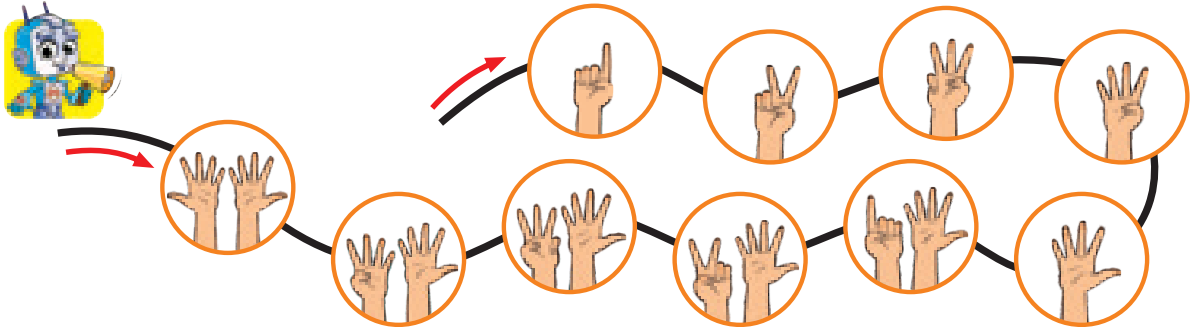
6

3

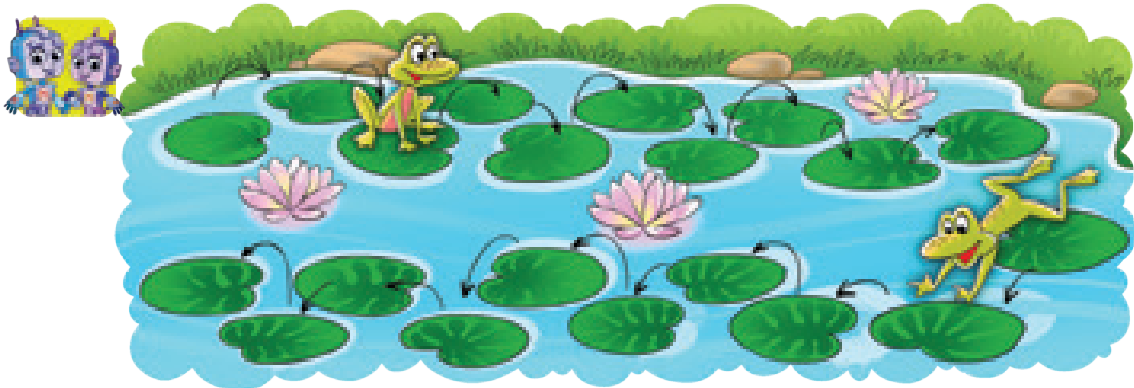


2-nji bap | **10 sany**
13-nji ders

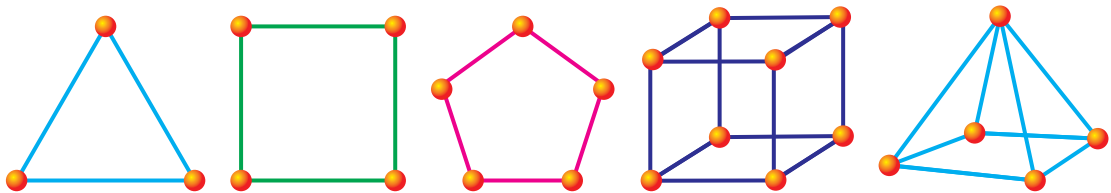
1 Barmaklaryň kömeginde sanaýarys.



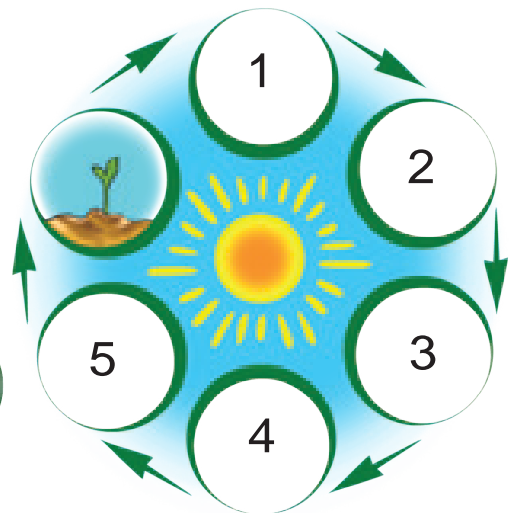
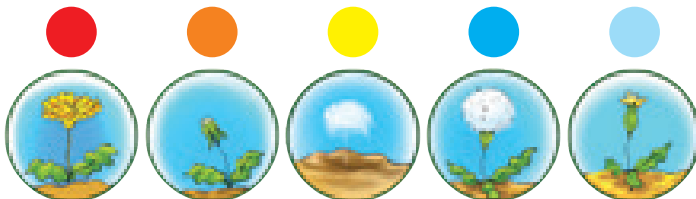
2 Göni we ters tertipde sanaýarys.



3 Her bir şekildäki şarjagazlaryň sanyny sanaýarys.

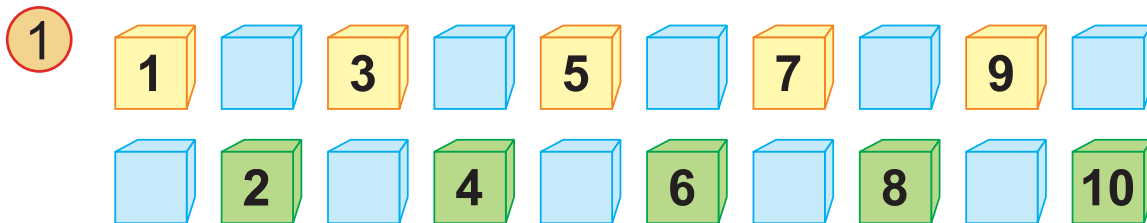


4 Suratlary yzygiderlikde ýerleşdirýäris.

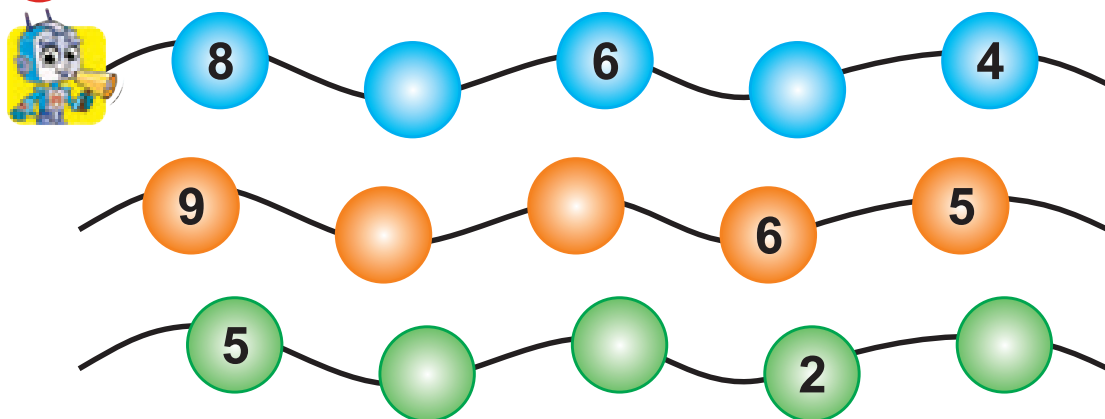


2-nji bap
14-nji ders

Jübüt we ták sanlar



2 Haýsy sanlar düşüp galypdyr?



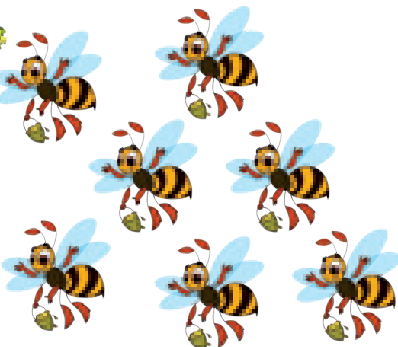
3 Ýumşy ýerine ýetirýäris.



4 – jübüt san. Oña goňşy bolan sanlar nähili?

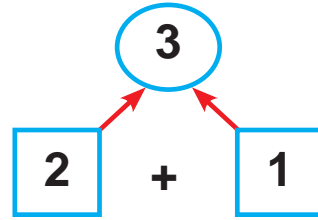
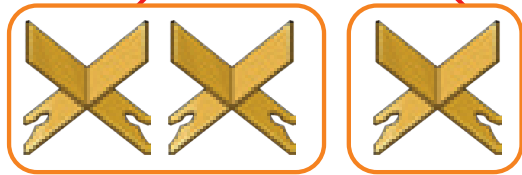


4 Sanaýarys: jübütmi ýa-da ták?



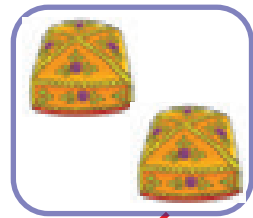
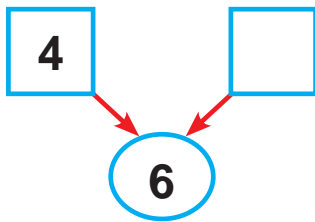
2-nji bap | **“+”, “-”, “=” belgileri**
15-nji ders

1 Hasaplayarys.



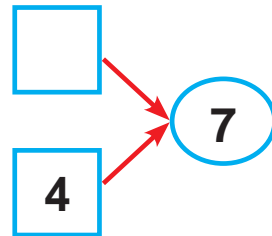
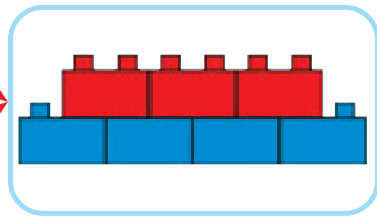
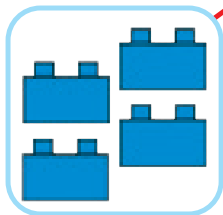
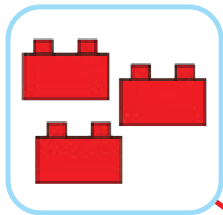
2	+	1	=	3
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2 Tahýalar näçe sany boldy?

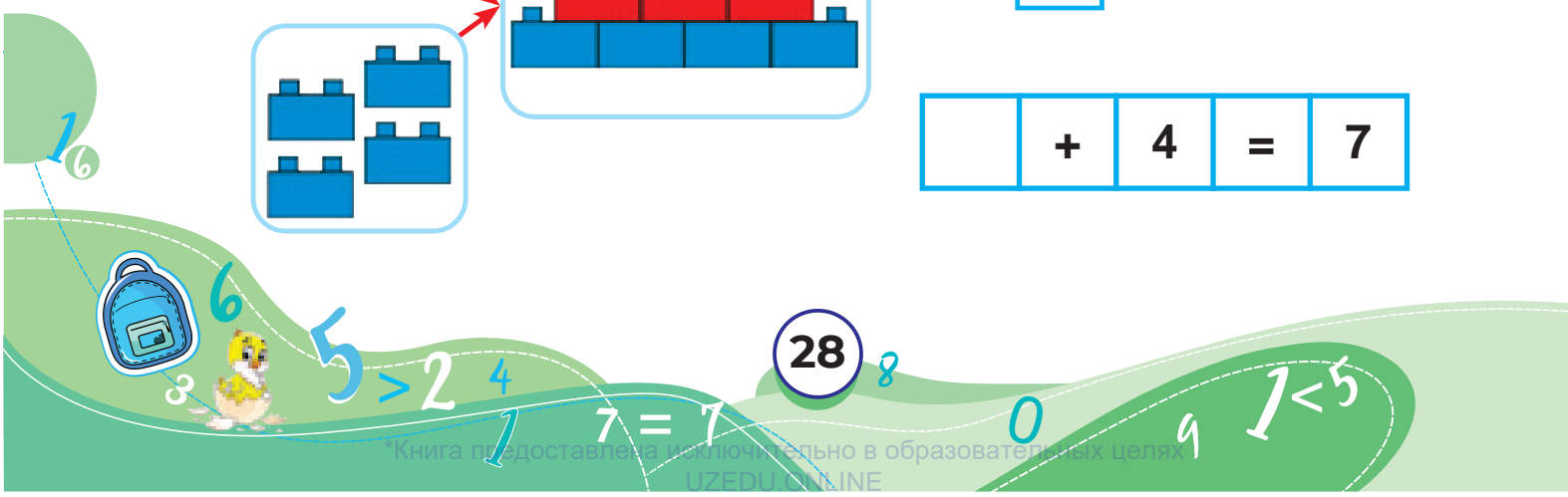


4	+		=	6
---	---	--	---	---

3 Boş gözenege haýsy sany ýazýarys?

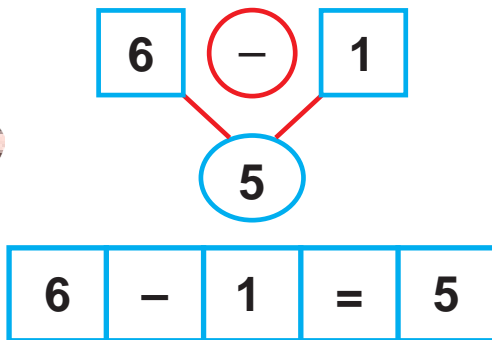
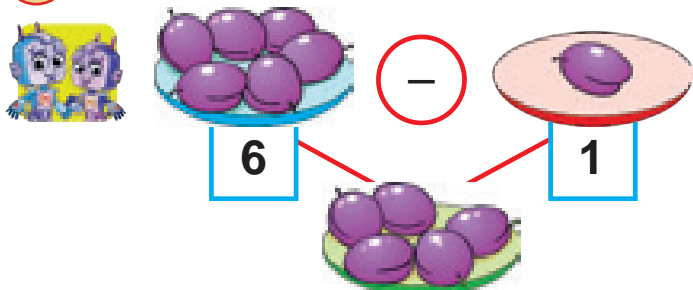


	+	4	=	7
--	---	---	---	---

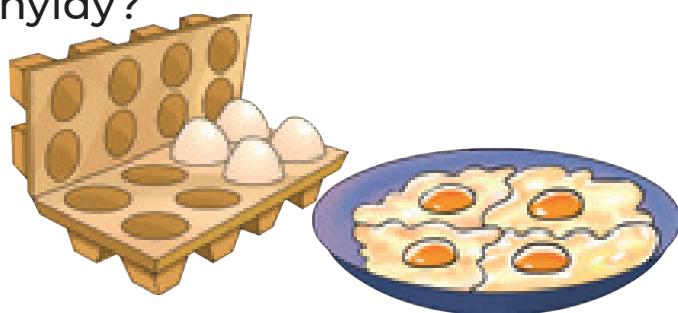
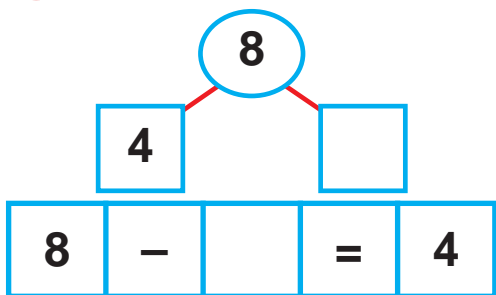


2-nji bap | **“+”, “-”, “=” belgileri**
16-njy ders

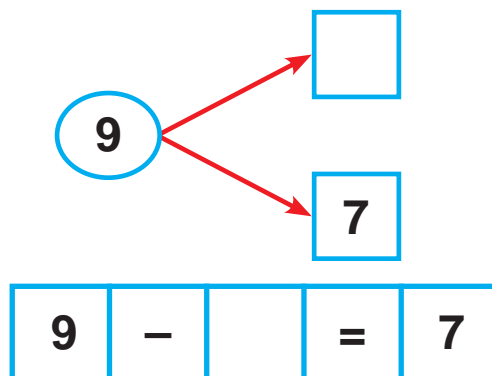
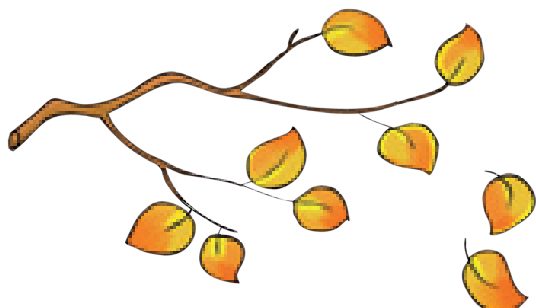
1 Hasaplayarys.



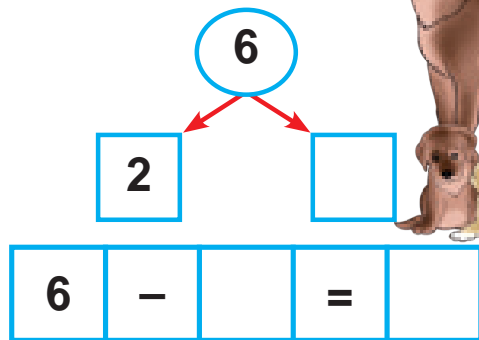
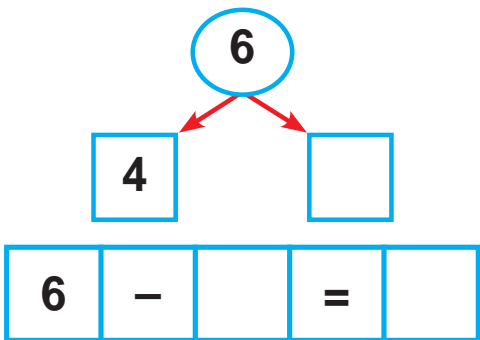
2 Näçe ýumurtga ulanyldy?



3 Ýapraklaryň näçesi galdy?

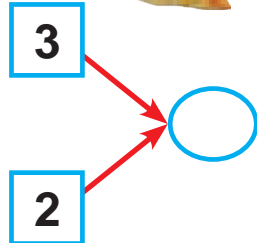
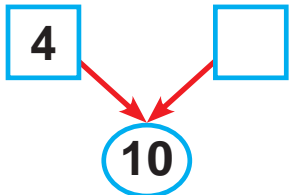
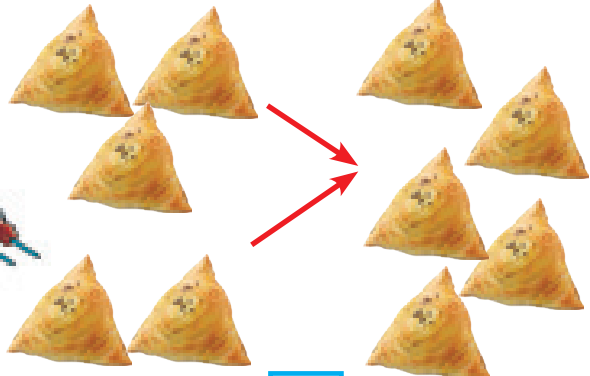
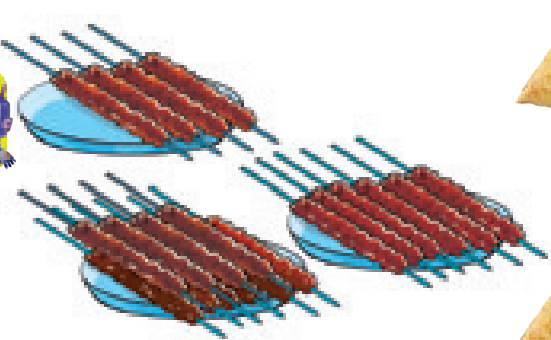


4 Gkler n? Uly itler n?



2-nji bap | **“+”, “-”, “=” belgileri**
17-nji ders

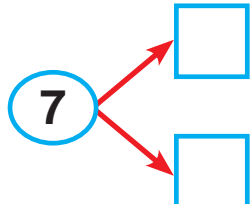
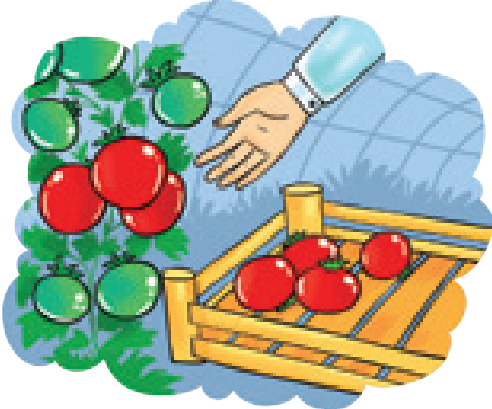
1



4	+		=	10
---	---	--	---	----

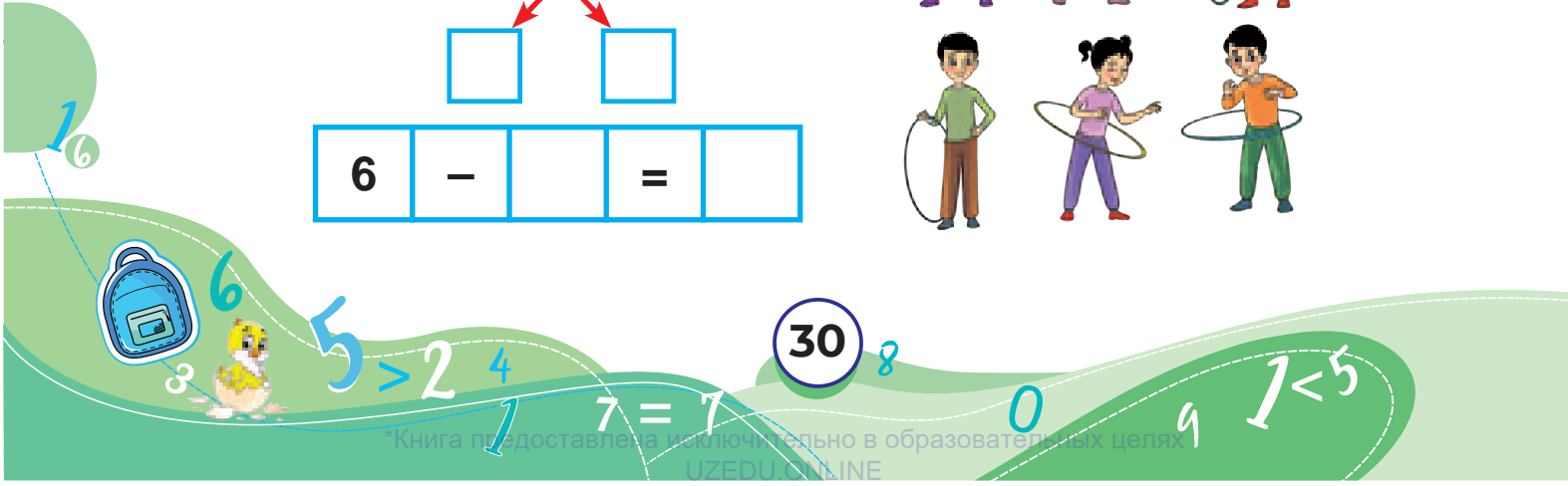
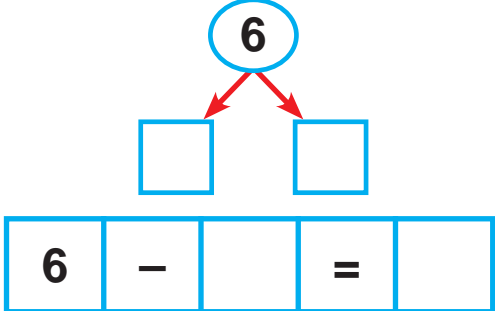
3	+	2	=	
---	---	---	---	--

2) Бишэн помидорлар нэче? Нэчеси ўйгналан?



7	-		=	
---	---	--	---	--

3



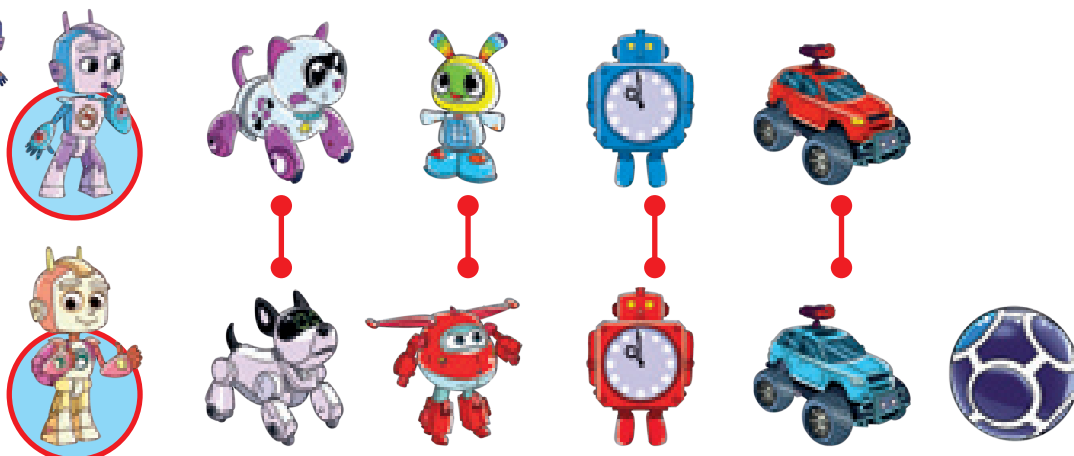
2-nji bap | Toparlary deňeşdirmek 18-nji ders ("köp", "az", "deň")

1

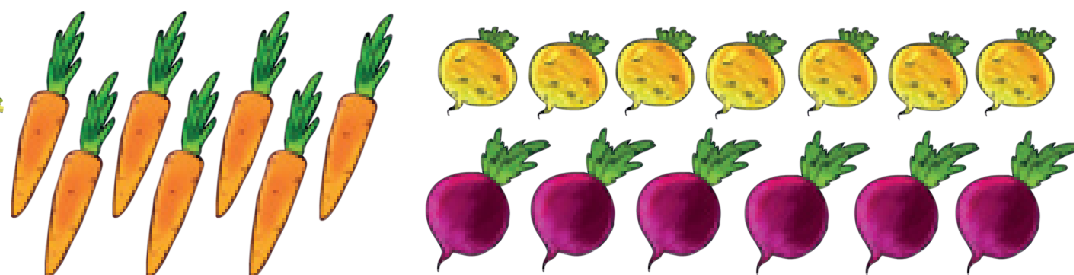


Goýunlaryň sany sygyrlaryň sanyndan köp. Sygyrlaryň sany goýunlaryň sanyndan az. At bilen geçileriň sany deň.

2 Kimiň oýnawaçlary köp?



3



**2-nji bap | 1-den 10-a çenli bolan
19-njy ders | sanlary deñeşdirmek**

1 $>$ – uly $<$ – kiçi $=$ – deñ

$9 > 5$ $4 < 6$ $7 = 7$

2 Deñeşdirýäris.

○ ○ ○

3

$>$	$<$	$=$
$10 > 9$	$9 < 10$	$10 = 10$
$9 > 8$	$8 < 9$	$9 = 9$
$8 > 7$	$7 < 8$	$8 = 8$
$7 > 6$	$6 < 7$	$7 = 7$
$6 > 5$	$5 < 6$	$6 = 6$
$5 > 4$	$4 < 5$	$5 = 5$
$4 > 3$	$3 < 4$	$4 = 4$
$3 > 2$	$2 < 3$	$3 = 3$
$2 > 1$	$1 < 2$	$2 = 2$
$1 > 0$	$0 < 1$	$1 = 1$

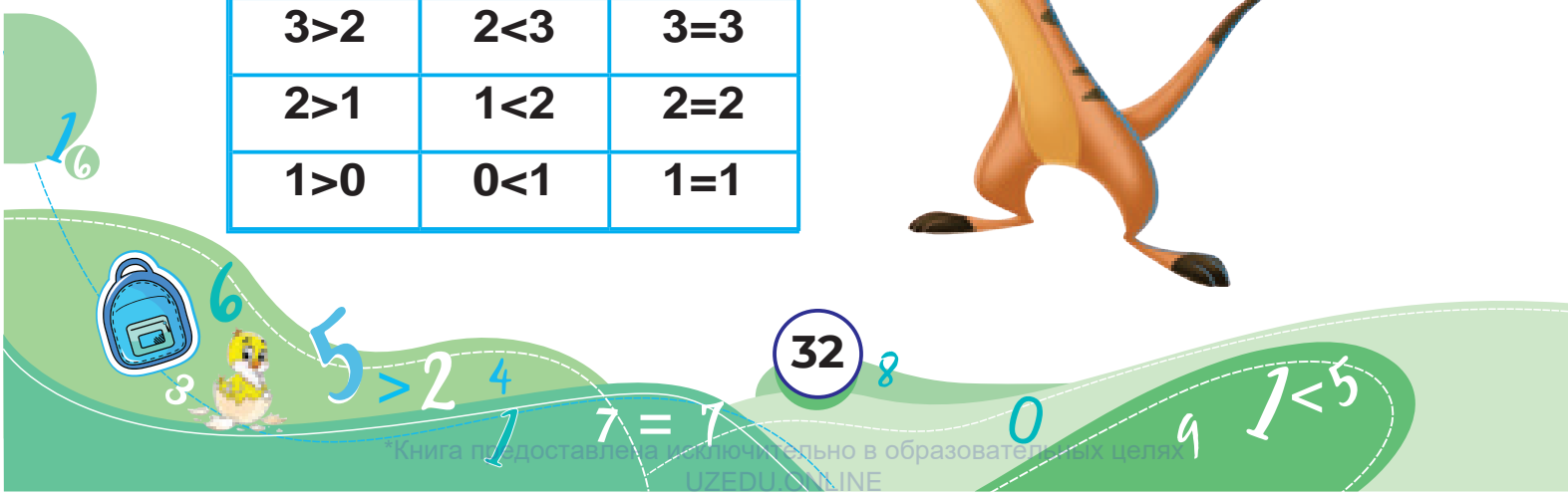
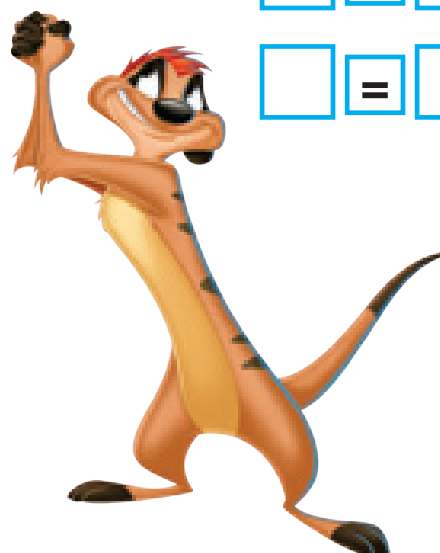


Gözenekleriň ýerine haýsy sanlary goýmak mümkin?

$>$

$<$

$=$



2-nji bap
20-nji ders

Hejde. Hejdäniň günleri

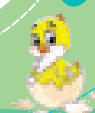
1 Öň nämedi? Indi näme?



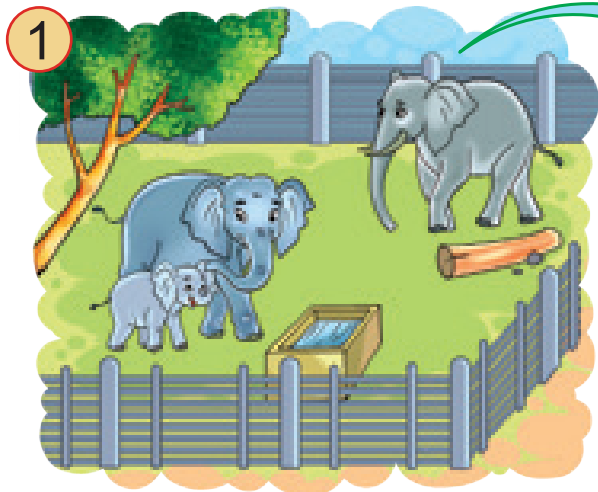
2 Hejdäniň günlerini aýdýarys.



Çarşenbeden öň we soň gelyän günler haýsy?
Duşenbeden öň we soň haýsy günler gelyär?
Bu gün haýsy gün? Ertir haýsy gün?



3-nji bap | 10 IÇINDE GOŞMAK WE AÝYRMAK
1-nji ders | Goşmak amalynyň düzüm bölekleri



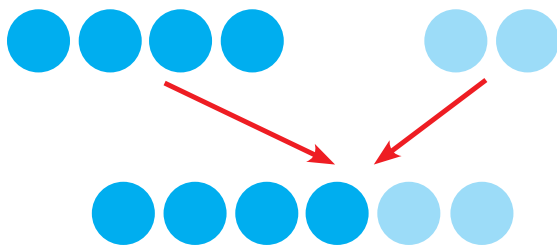
1-nji goşulyjy
 2-nji goşulyjy

2+1=3 jem



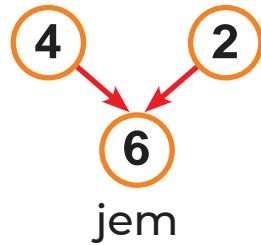
2 bilen 1-iň jemi
 3-e deň.

2) Hasaplaýarys.



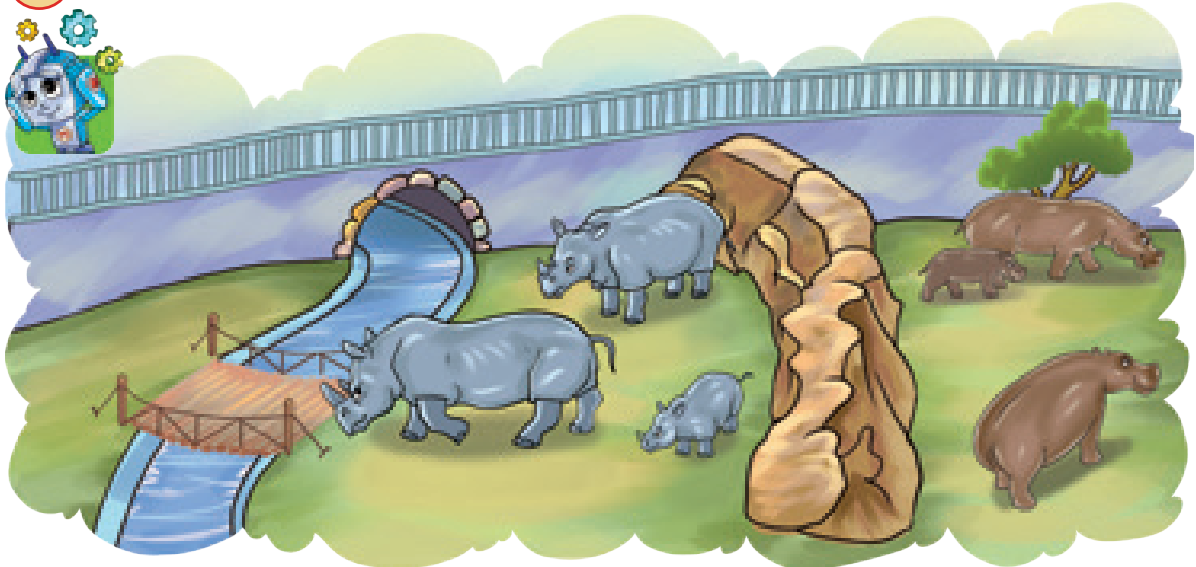
goşulyjy

goşulyjy



4	+		=	6
---	---	--	---	---

3) Surat esasynda hasaplaýarys we ýazýarys.



3-nji bap
2-nji ders

Aýyrmak amalynyň
düzüm bölekleri

1



kemeliji
kemeldiji

$5 - 2 = 3$ tapawut



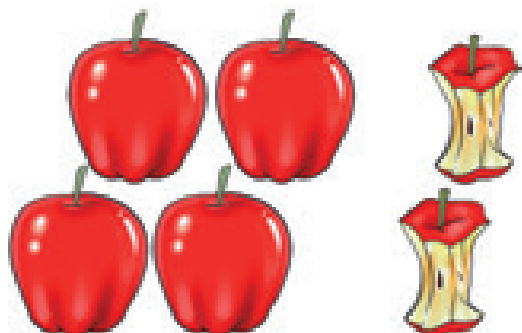
2

$5 - \square = \square$

5 bilen 2-niň tapawudy 3-e deň.

3

Hasaplaýarys.



kemeliji

6

2 4

kemeldiji tapawut

$6 - 2 = \square$

4

Laýyk sanlary goýup, deňeşdirýäris.



$\square < \square$

$\square > \square$



$7 - 1 =$

$0 - 8$

35

$4 >$

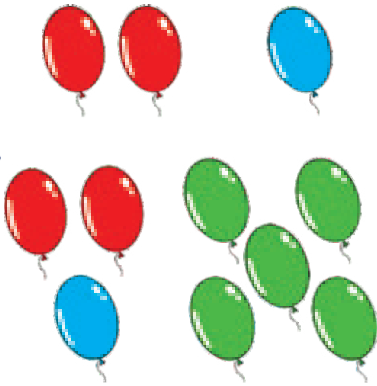
$2 +$

5 6



3-nji bap | **10 içinde goşmak**
3-nji ders

1



$2 + 1 = \square$



$3 + \square = \square$

$2 + 3 = \square$

$5 + 3 = \square$

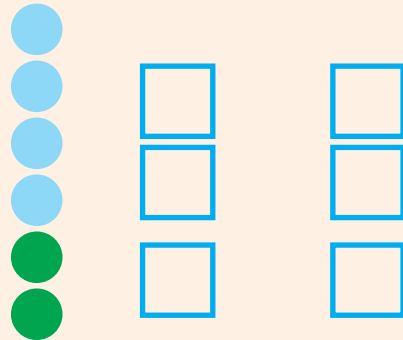
2

Hasaplayarys:



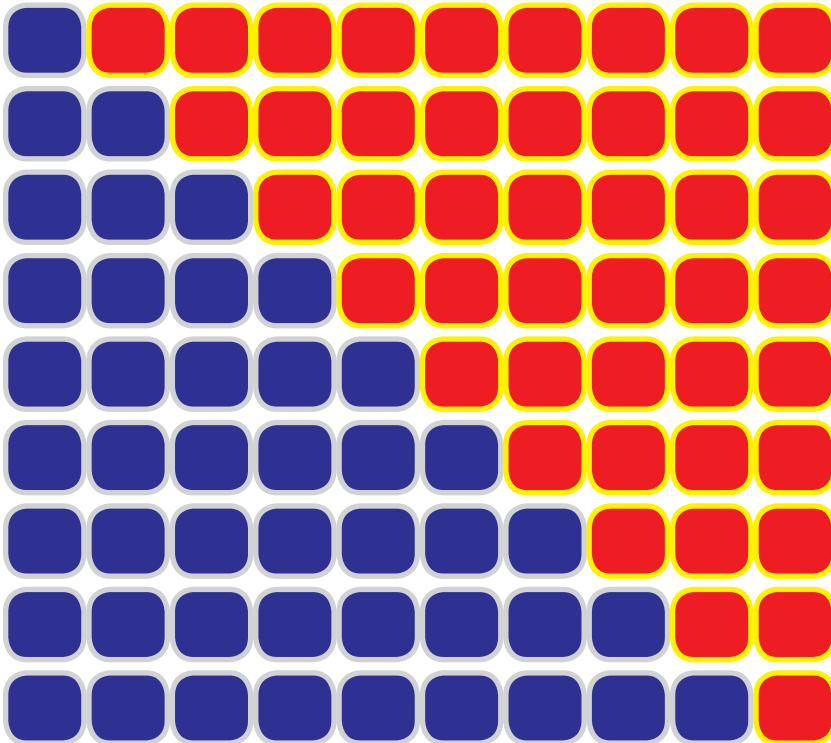
$\square + \square = \square$

$\square + \square = 6$



3

Boş gözenekleri doldurarys:



$1 + \square = 10$

$2 + \square = 10$

$3 + \square = 10$

$4 + \square = 10$

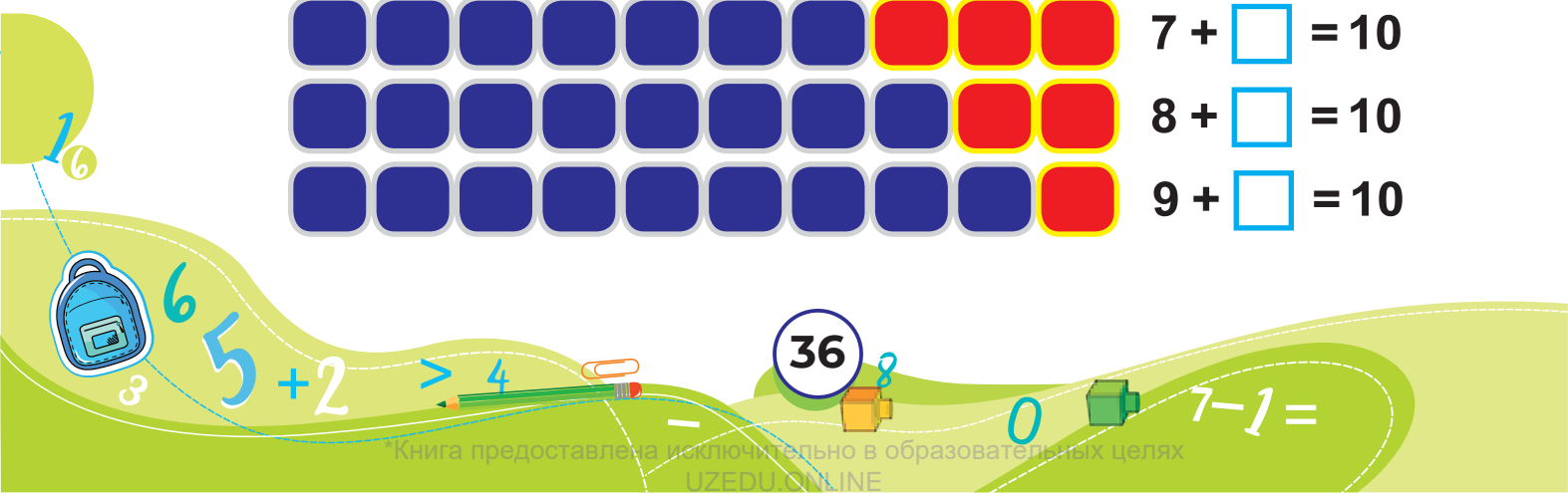
$5 + \square = 10$

$6 + \square = 10$

$7 + \square = 10$

$8 + \square = 10$

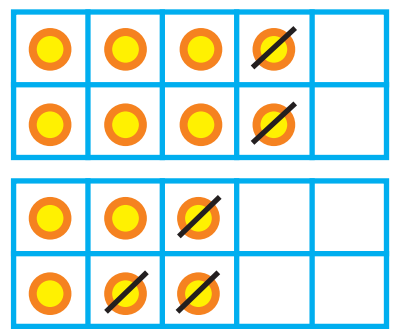
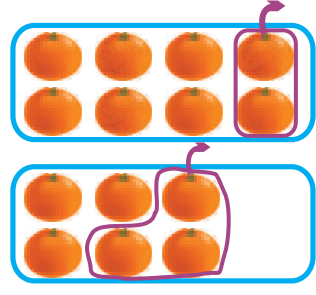
$9 + \square = 10$



3-nji bap | 10 içinde aýyrmak

4-nji ders

1 Hasaplaýarys.

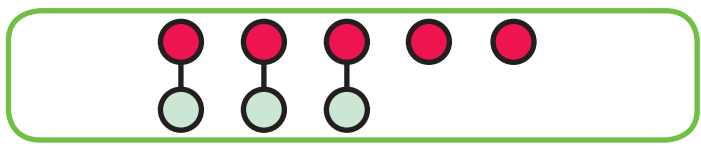


$$8 - 2 = \square$$

$$6 - \square = \square$$

2 Tapawutlar näçä deň?

$$5 - 3 = \square$$



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

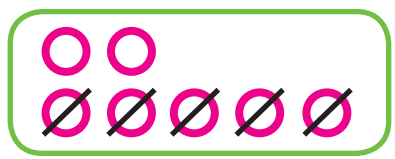
$$8 - 3 = \square$$



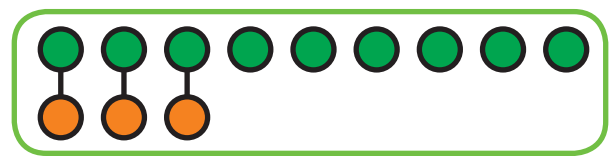
$$5 - 2 = \square$$

$$8 - 5 = \square$$

3

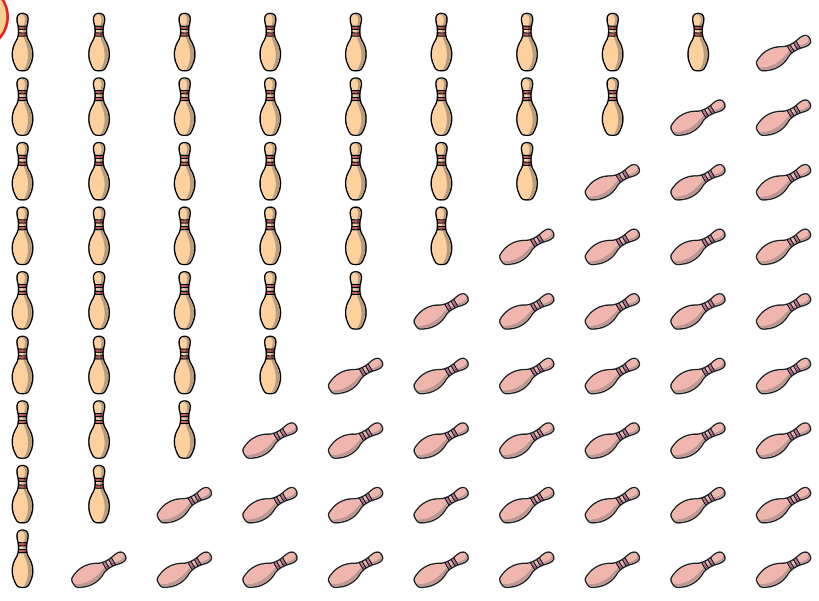


$$\square - \square = \square$$



$$\square - \square = \square$$

4



- $10 - 1 = 9$
- $10 - 2 = \square$
- $10 - 3 = \square$
- $10 - 4 = \square$
- $10 - 5 = \square$
- $10 - 6 = \square$
- $10 - 7 = \square$
- $10 - 8 = \square$
- $10 - 9 = \square$



3-nji bap
5-nji ders

10 içinde goşmak we aýyrmak

1 Suratda haýsy amal görkezilen?

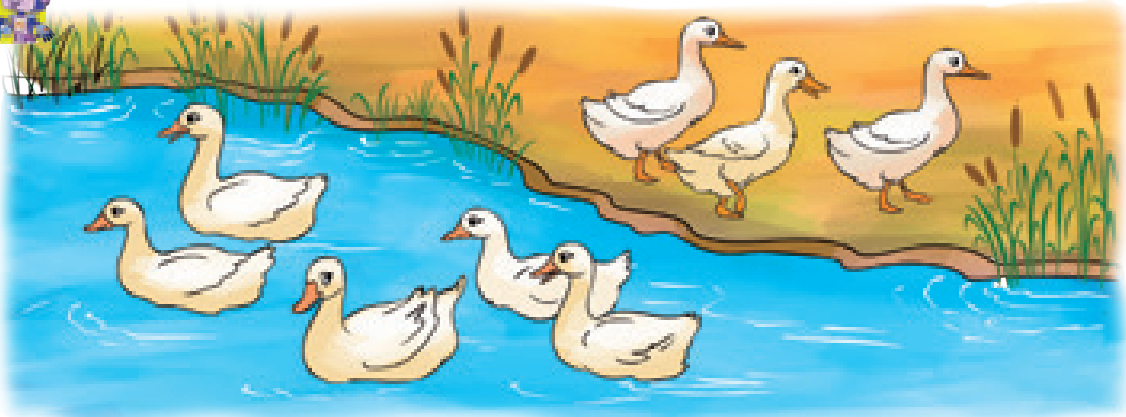


$$2 + 1 = 3$$

$$4 + 2 = 6$$



2 Suwda näçe gaz galdy?



$$\square - 3 = 5$$

$$8 - \square = 3$$

3 Hasaplaýarys.

$$3 + 1 = \square$$

$$4 + \square = 6$$

$$\square + 1 = 8$$

$$4 - 2 = \square$$

$$\square - 3 = 3$$

$$8 - \square = 5$$

4 Alymjanyň öýi çepden dördünjisi bolsa, sagdan näçenjisi bolýar?



1
6



$$6 + 2 = 8$$

$$4 > 3$$

38

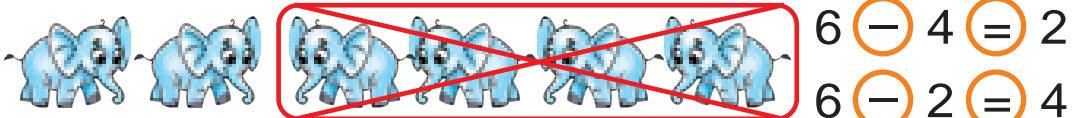
0

$$7 - 1 =$$

3-nji bap
6-njy ders

10 içinde goşmak we aýyrmak

1



2

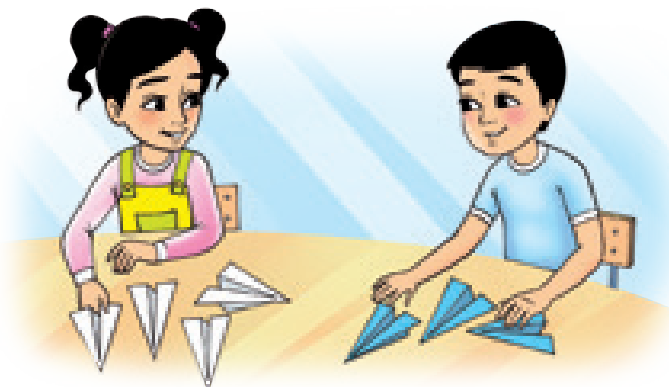
Aýyrmagyň dogrudygyny goşmak bilen barlaýarys.



$$7 - 3 = \boxed{4}$$

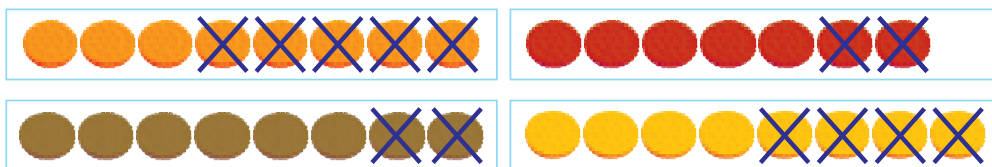
$$4 + \boxed{} = 7$$

$$3 + \boxed{} = \boxed{}$$

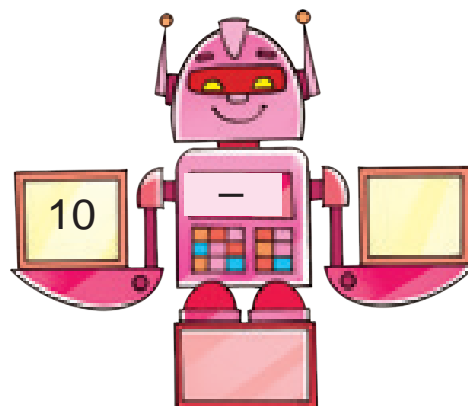
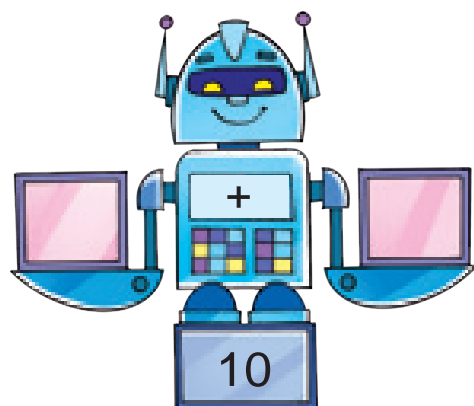


3

Haýsy surat $8 - 2 = 6$ deňlige laýyk?



4



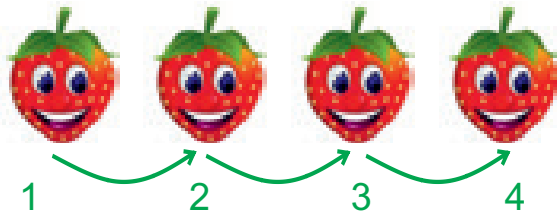
3-nji bap | Sany birnäçe birlige artdyrmak

7-nji ders | we kemeltmek

1 Jemi näçe klubnika bar?

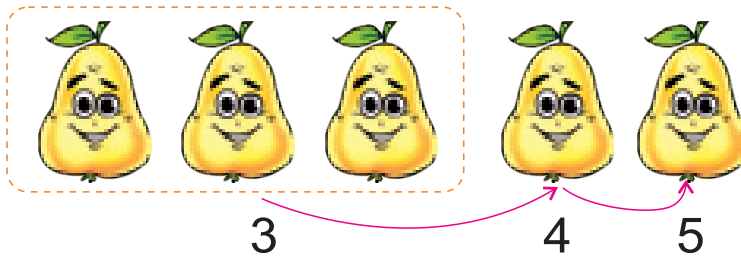


Klubnikalaryň sanynyň artýan tertibini tapýarys.



$$3 + 1 = 4$$

2 Armytlaryň sanynyň artýan tertibini tapýarys.



$$3 + \square = 4$$

$$4 + \square = 5$$

$$3 + \square = 5$$

3 Süýjülikler näçeden kemelýär?

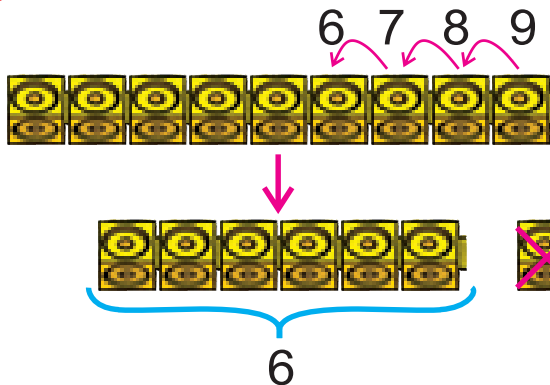


$$6 - \square = 5$$

$$5 - \square = 4$$

$$6 - \square = 4$$

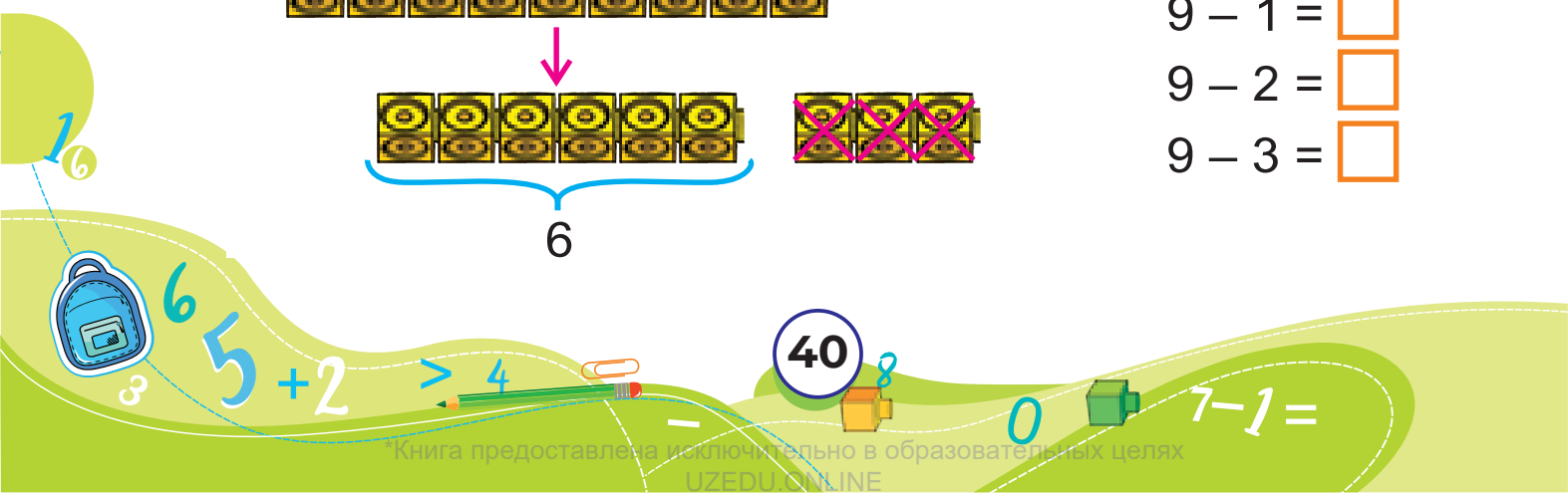
4 9 legony üç birlik kemeltsek, näçe galar?



$$9 - 1 = \square$$

$$9 - 2 = \square$$

$$9 - 3 = \square$$



3-nji bap | Sany birnäçe birlige artdyrmak

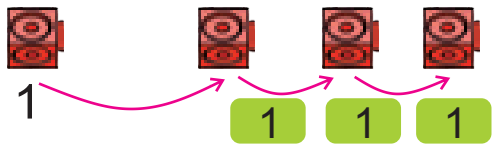
8-nji ders | we kemeltmek

1 Surat esasynda düşündirýäris.

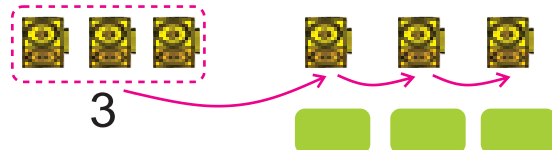


Jemi näçe  bar?

Jemi näçe  bar?



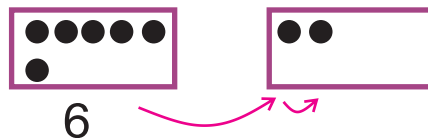
$$1 + \square = 4$$



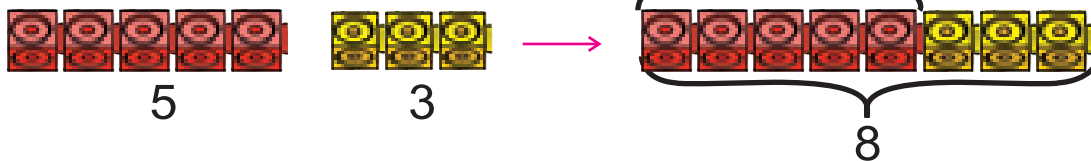
$$3 + \square = \square$$

2 Boş gözenekleri doldurýarys.

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



3 5 sany näçe birlige artdy?






4 Näçe kädı galdy? Näçe kädı ulanyldy?



$$3 - 1 - 1 = \square$$

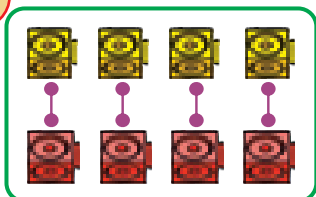
5  + 2 = 10 1 +  = 4 7 - 2 = 

5 + 1 =   + 1 = 8 4 -  = 2



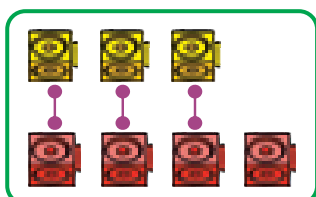
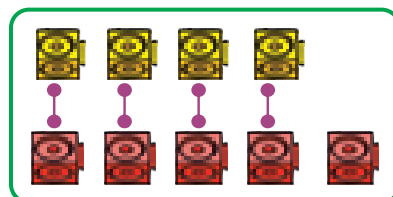
3-nji bap | “... sany artdyrmak” we “... sany kemeltmek” düşüñjeleri
9-njy ders

1



sany we sany deñ.

sanyndan 1 sany köp.



sanyndan 1 sany kem.

2

Suratdan degiñli jogaplary tapýarys.



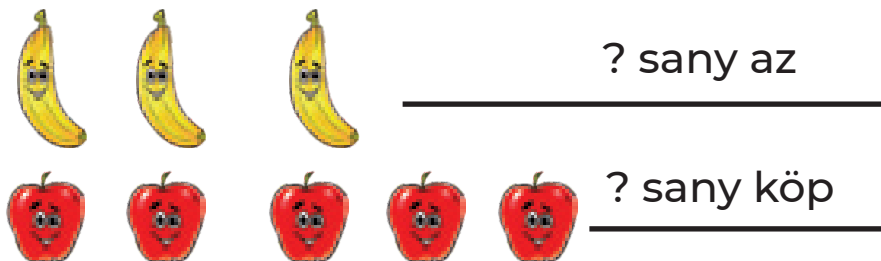
4-i 2 sana artdyryarys.

7 sany 4-e kemeldyaris.

5 sany 3 sana artdyryarys.

3

Hasaplayarys.



Almalar bananlardan näçe köp?
 Bananlar almalarдан näçe az?



3-nji bap | Noluñ gatnaşmagynda goşmak we aýyrmak

10-njy ders

1

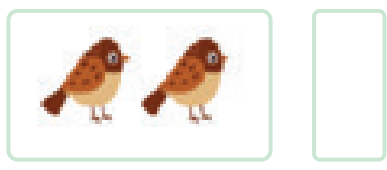


$$3 + 0 = 3$$



$$0 + 4 = \square$$

2



$$\square - 0 = 2$$



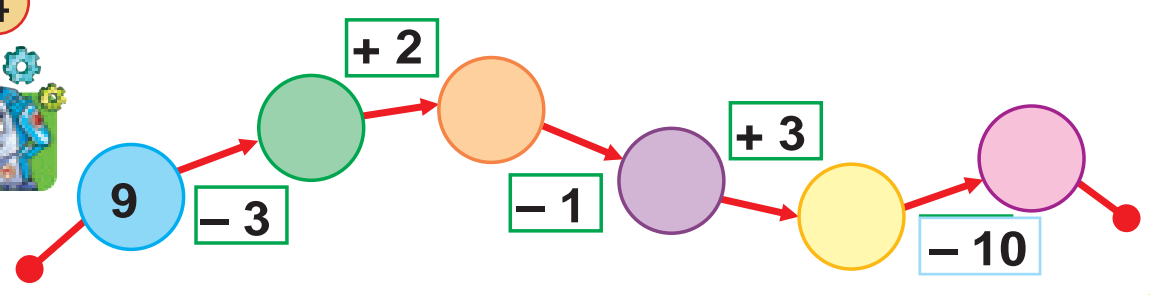
$$3 - \square = 3$$

3



$$5 - 5 = 0$$

4



$$7 - 1 =$$

$$0 - 8 =$$

43

$$1 =$$

$$4 >$$

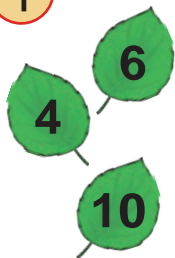
$$2 + 5 = 6$$



3-nji bap
11-nji ders

Goşmagyň orun çalyşma
häsiýeti

1



$$6 + 4 = 10$$



$$10 - 4 = 6$$



$$4 + 6 = \square$$



$$10 - 6 = \square$$



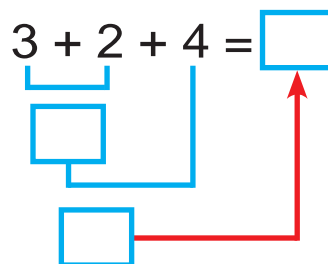
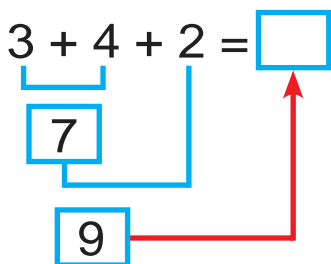
$$7 + 2 = \square$$

$$\square + 7 = 9$$

$$9 - \square = 2$$

$$\square - 2 = 7$$

2 Sanlary bölekläp goşýarys.



$$1 + 2 + 4 = \square$$

$$4 + 1 + 2 = \square$$

3



4 5 9

$$4 + 5 = 9$$

$$5 + \square = 9$$

$$\square - 4 = 5$$

$$9 - \square = 4$$

3 4 7

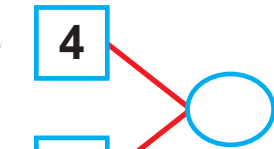
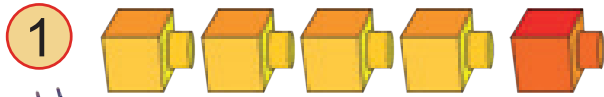
$$3 + \square = 7$$

$$4 + 3 = \square$$

$$\square - 3 = 4$$

$$7 - \square = \square$$

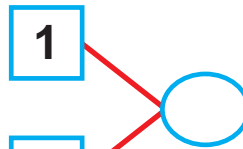
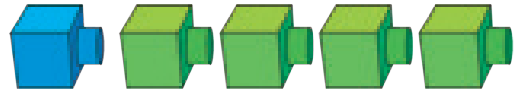
3-nji bap | Goşmagyň orun çalyşma
12-nji ders | häsiýeti



$$\boxed{4} + \boxed{1} = \square$$

$$1 + 5 = \square$$

$$5 + 1 = \square$$



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

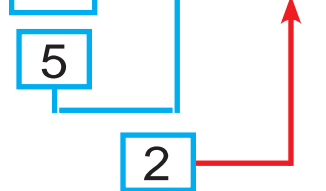
$$1 + \square = 8$$

$$\square + 1 = 8$$

2 Sanlary bölekläp aýyryrys.



$$7 - 2 - 3 = \square$$

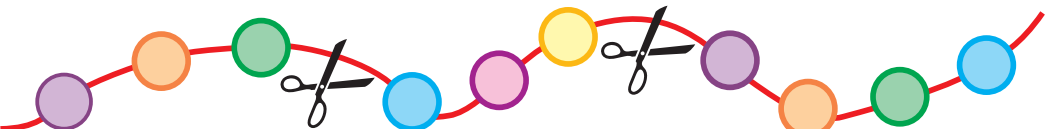
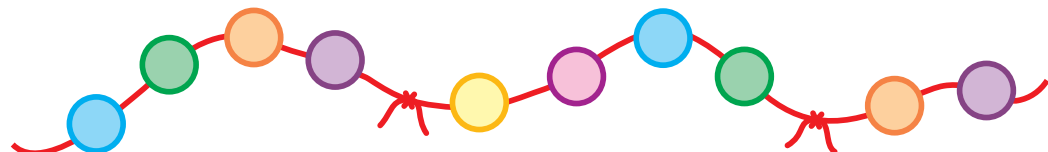


$$9 - 4 - 1 = \square$$

$$\begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array} \rightarrow \begin{array}{r} \square \\ -2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \square \end{array} \rightarrow \begin{array}{r} \square \\ -4 \\ \hline \square \end{array}$$

3



$$\square \bigcirc \square \bigcirc \square = \square$$

$$7 - 1 =$$

$$0 -$$

$$1 =$$

$$4 >$$

$$2 + 5 6$$

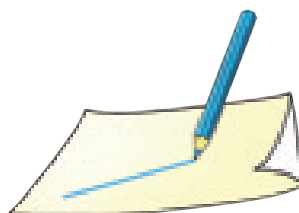
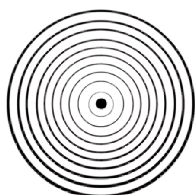


3-nji bap | Nokat. Göni çzyk. Şöhle. Kesim.
13-nji ders | Döwük çzyk we egri çzyk.

1 Aýry görkezilen çzyklary tapawutlandyryars.



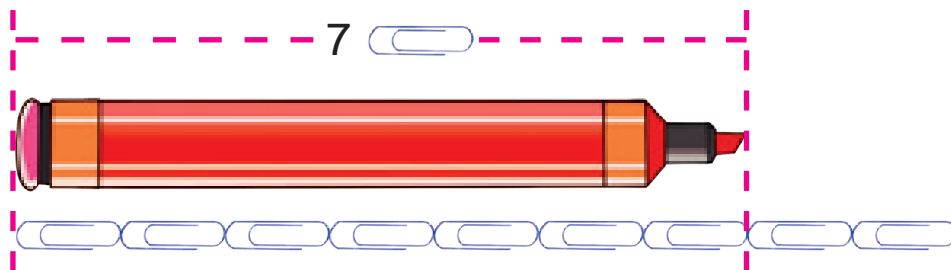
2 Nähili şekiller emele geldi?



3-nji bap
14-nji ders

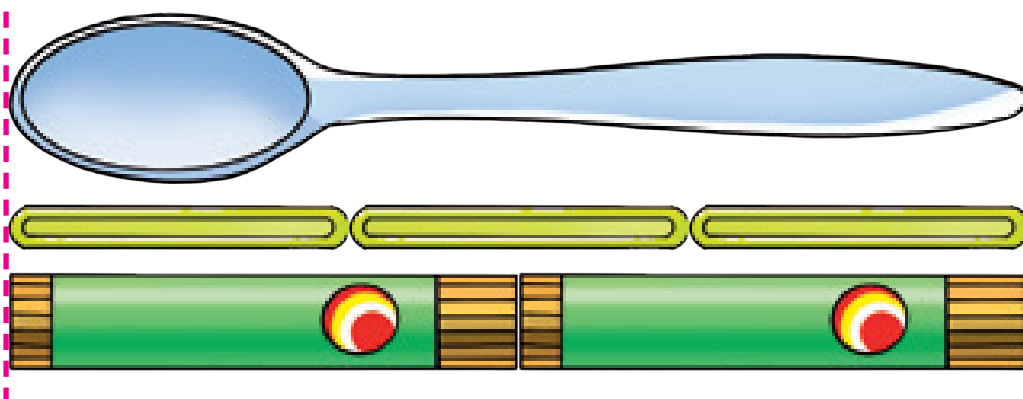
Zadyň uzynlygyny ölçemek

1



1 flomasteriň uzynlygy 7 gysajyň uzynlygyna deň.

2

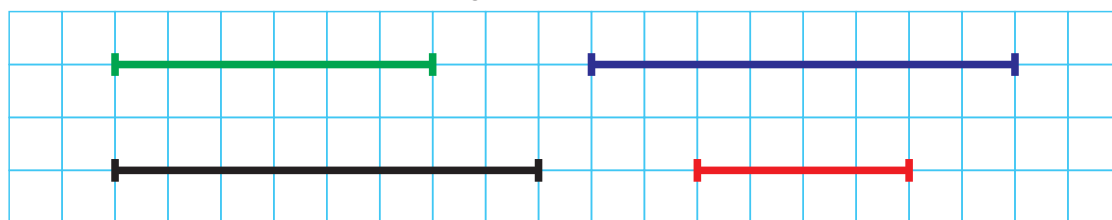


1 çemçäniň uzynlygy näçe  uzynlygyna deň?

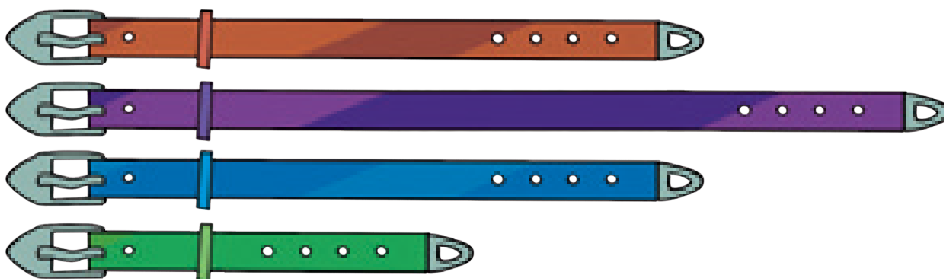
1 çemçäniň uzynlygy näçe  uzynlygyna deň?

3 Kesimleri deňeşdirýäris.

Olaryň uzynlygy näçe gözenege deň?



4 Tapýarys: iň uzyn däl, iň gysga däl.



$7 - 1 =$

$0 - 8 =$

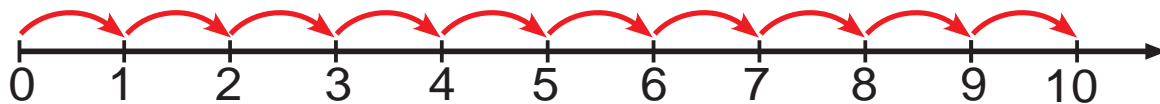
$4 >$

$2 + 5 = 6$

3-nji bap
15-nji ders

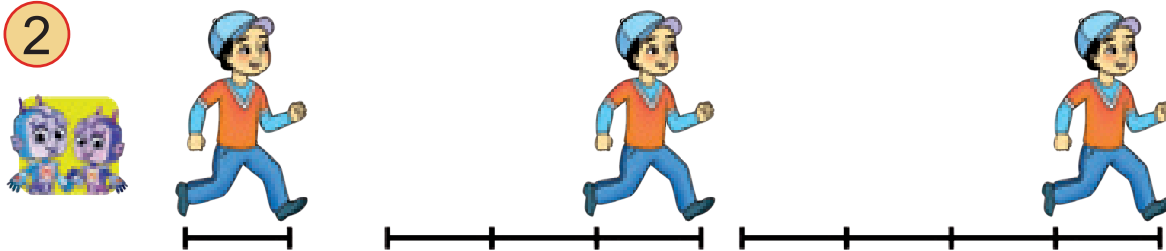
Zatlaryň uzynlygy

1



Şöhlede sanlary ýerleşdirýäris. Sanlar şöhlesi emele gelyär.

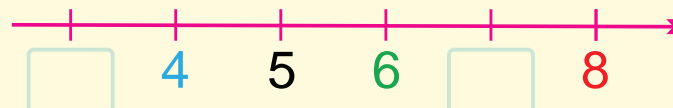
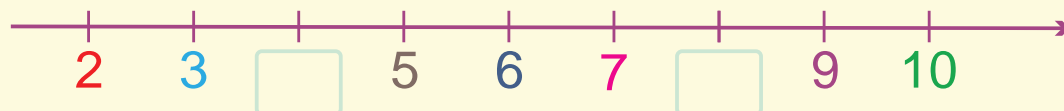
2



Ali bir ädim yöredi. Ali ýene näçe ädim yöredi?

3

Düşüp galan sanlar jübütmi, täkmi?



4

Partamyzy garyşlap ölçeyäris.



Kimiň partasy näçe garyş çykdy?

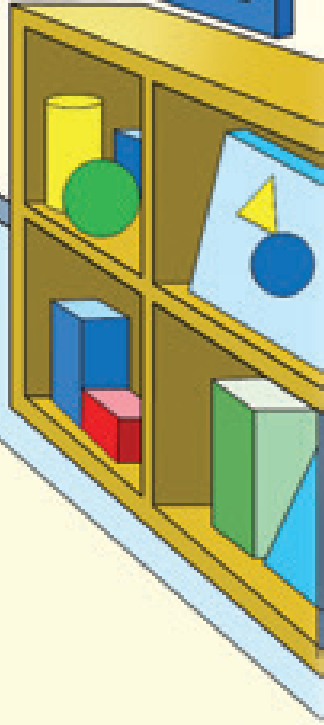
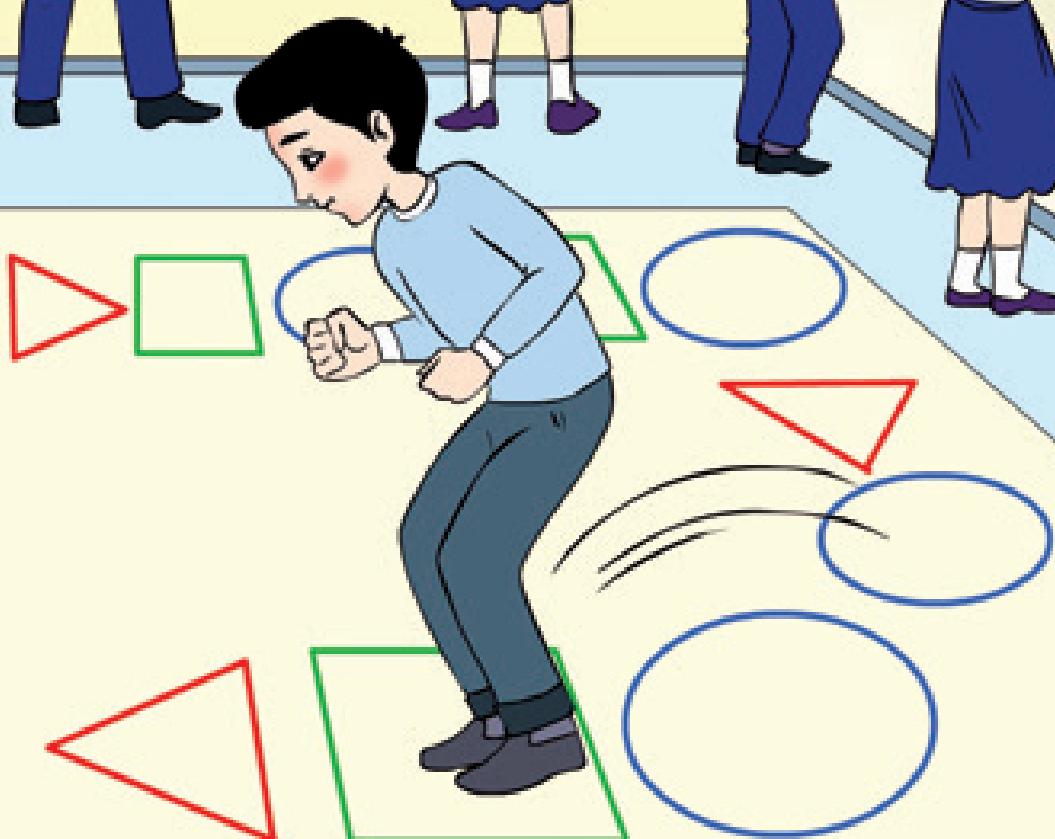


4-nji bap
1-nji ders

GEOMETRIK ŞEKILLER

Bölekleri sanayars

Nähili şekilleri görýärsiñiz?



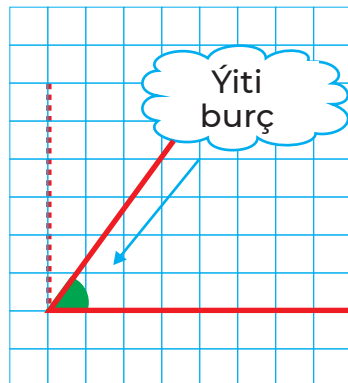
4-nji bap 2-nji ders

Burçuň görnüşleri

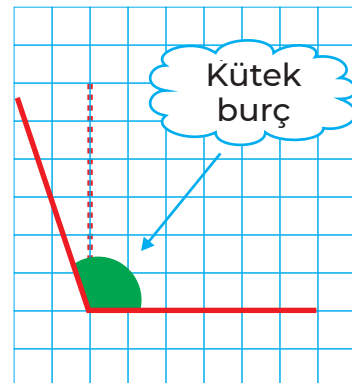
1 Burçuň görnüşleri



Bu – göni burç

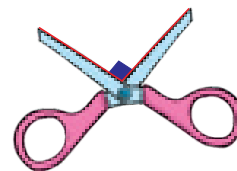
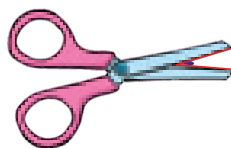
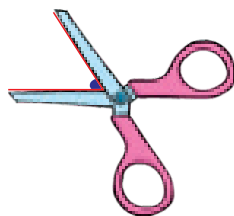


Göni burçdan kiçi burç



Göni burçdan uly burç

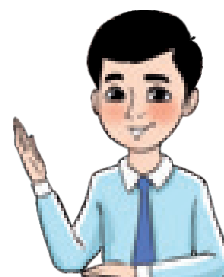
2 Nähili burçlary görýärsiňiz?



3 Suratda nähili burçlar bar?



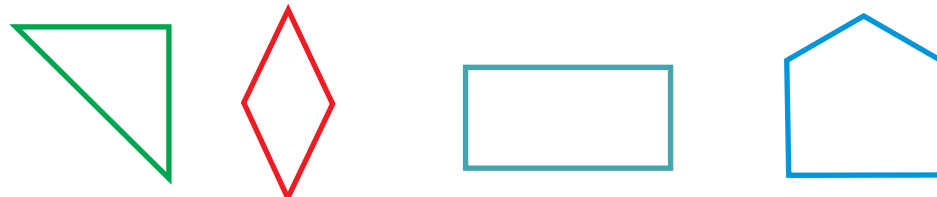
4 Hereketleri gaýtalaýarys we düşündirýäris.



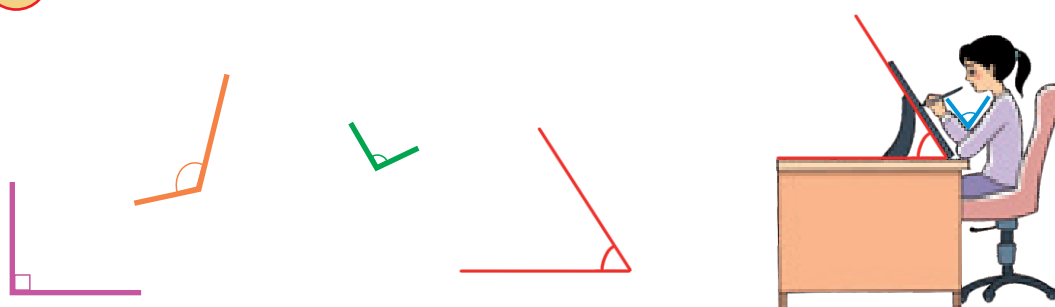
4-nji bap
3-nji ders

Burçuň görnüşleri

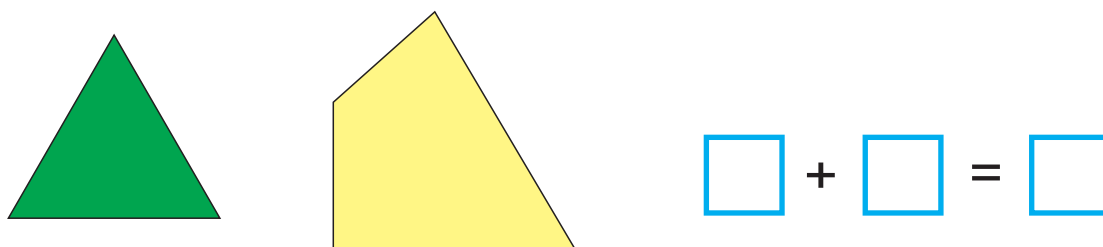
1 Şekillerde nähili burçlar bar?
Olar näçe sanydan?



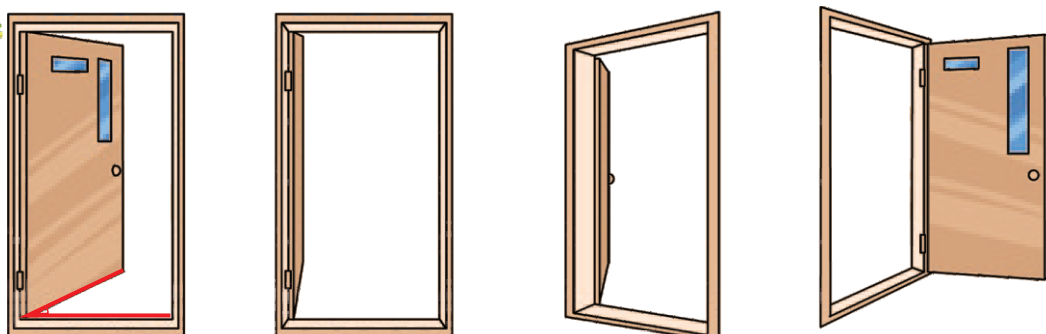
2 Berlen burçlary surata gabatlaýarys?



3 Şekillerde jemi näçe burç bar?

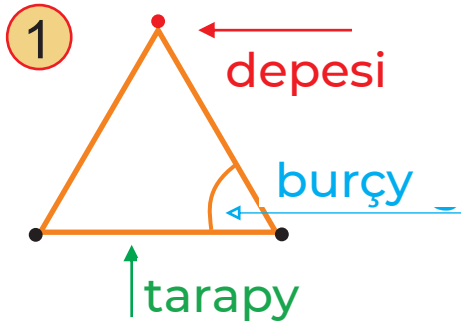


4 Burçlary tapýarys.

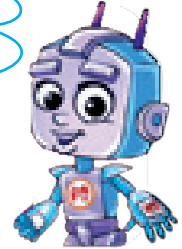


4-nji bap | Üçburçluk we onuñ elementleri

4-nji ders



Bu – üçburçluk. Onuñ 3 depesi, 3 tarapy, 3 burçy bar.



2 Ýene nähili zatlar üçburçluga meñzeyär?

3 Haýsysy üç tarapa, üç burça we üç depä eýe?



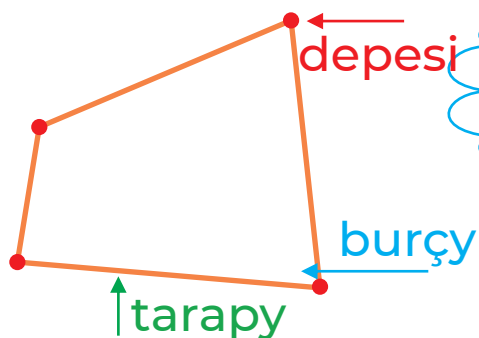
4 Hereketleri gaýtalaýarys we düşündirýäris.



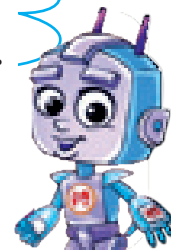
4-nji bap
5-nji ders

Dörtburçluk we onuñ
elementleri

1

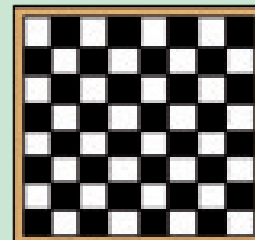


Bu – dörtburçluk.
Onuñ 4 **depesi**,
4 **tarapy**, 4 **burçy** bar.



2

Ýene nähili zatlar dörtburçluga meñzeyär?



3

Haýsysy dört tarapa, dört burça
we dört depä eýe?



4

Hereketleri gaýtalaýarys we düşündirýäris.

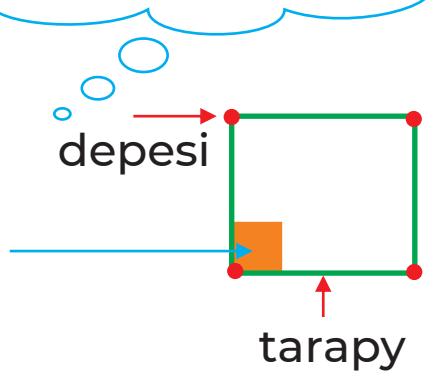
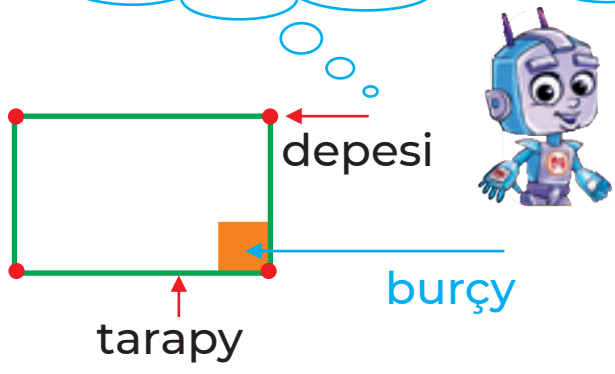


4-nji bap | Gönüburçluk we kwadrat
6-njy ders

1

Bu – gönüburçluk.
 Onuñ hemme burçlary göni.

Bu – kwadrat. Onuñ hemme taraplary deñ we hemme burçlary göni.



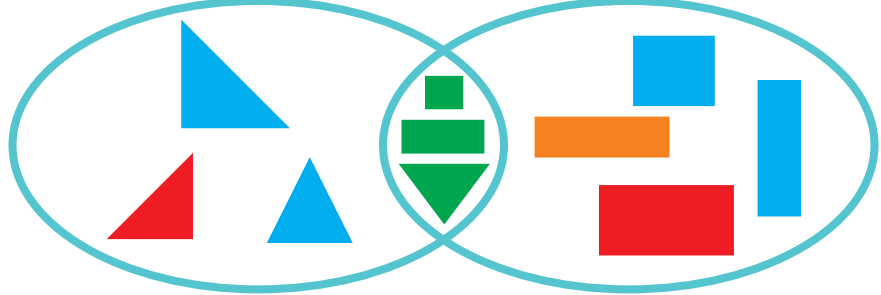
2

Haýsysy gönüburçluk?
 Haýsysy kwadrat? Haýsysy dörtburçluk däl?

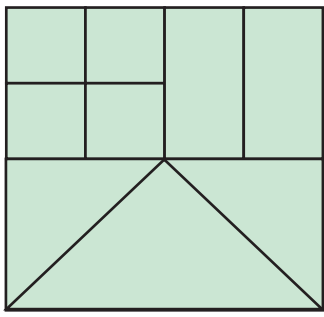
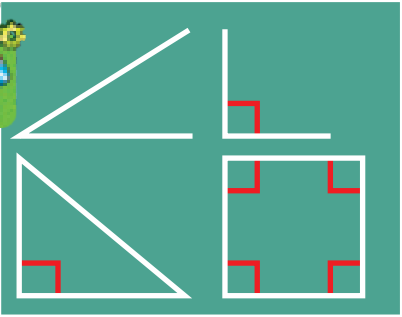


3

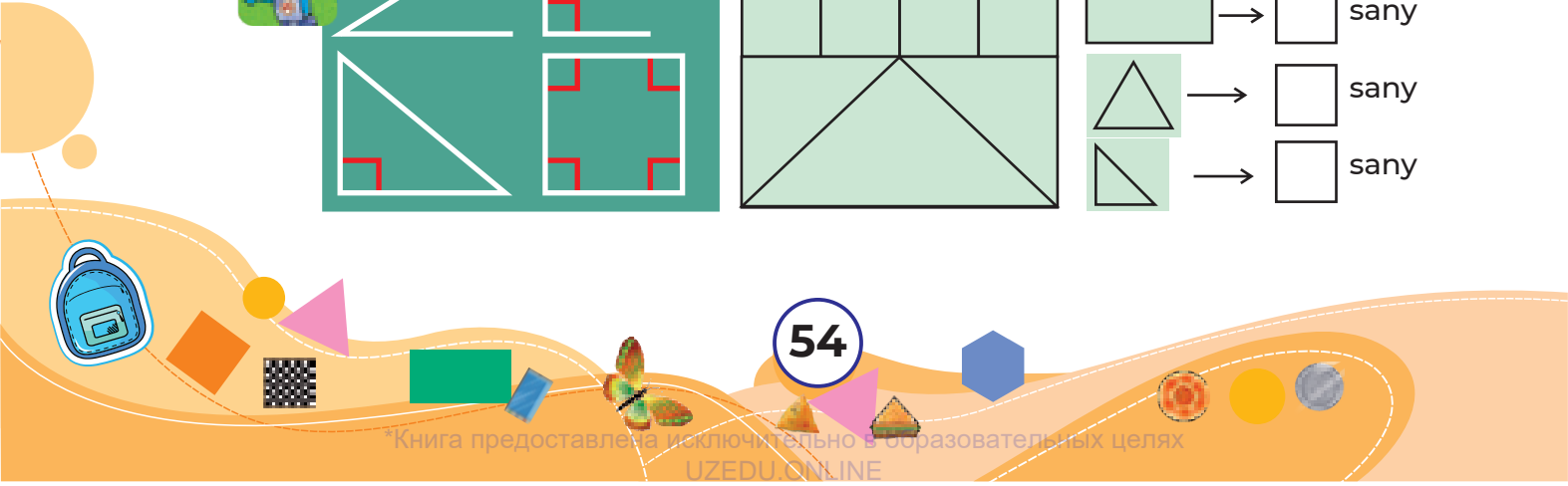
Haýsy şekiller ýaşyl reñkde?



4



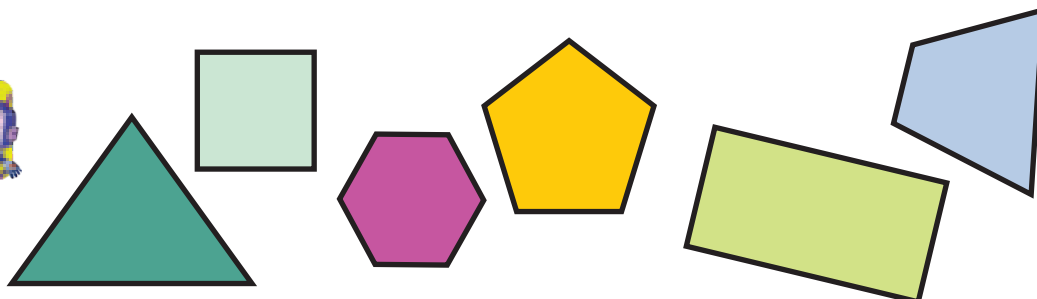
- sany
- sany
- sany
- sany



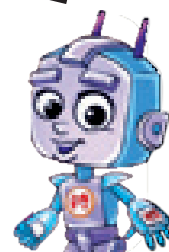
4-nji bap
7-nji ders

Köpburçluklar

1

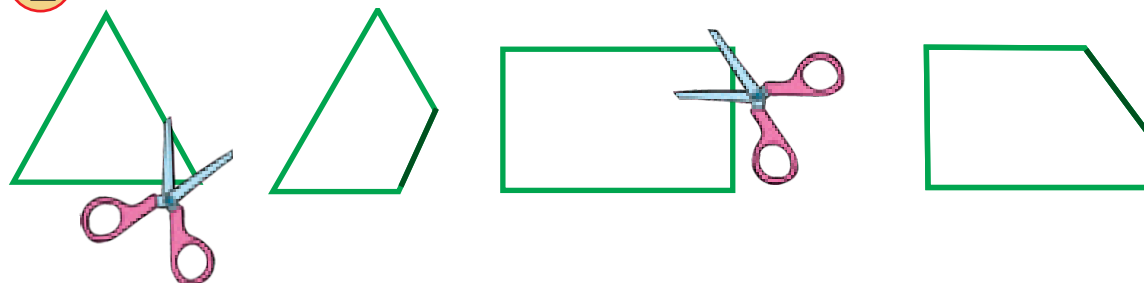


Bular – köpburçluklar.
Olaryň näçe depesi, näçe
tarapy deň we burçy bar?



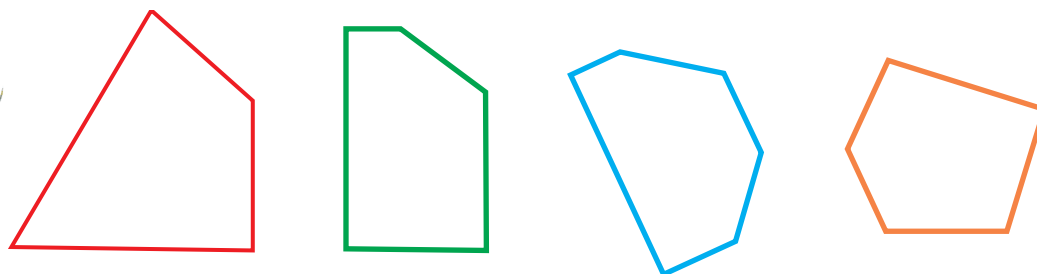
2

Nähili köpburçluklar emele geldi?



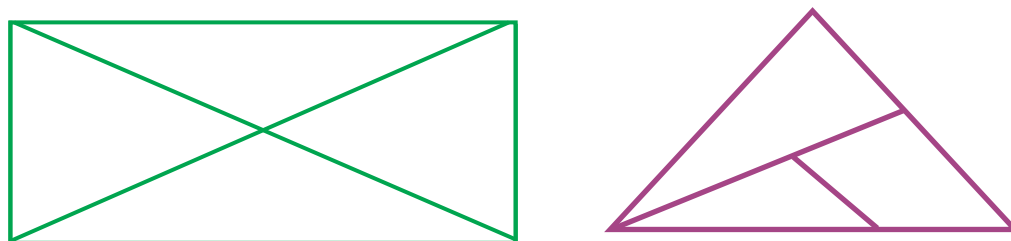
3

Başburçluklar näçe sany? Haýsylary?



4

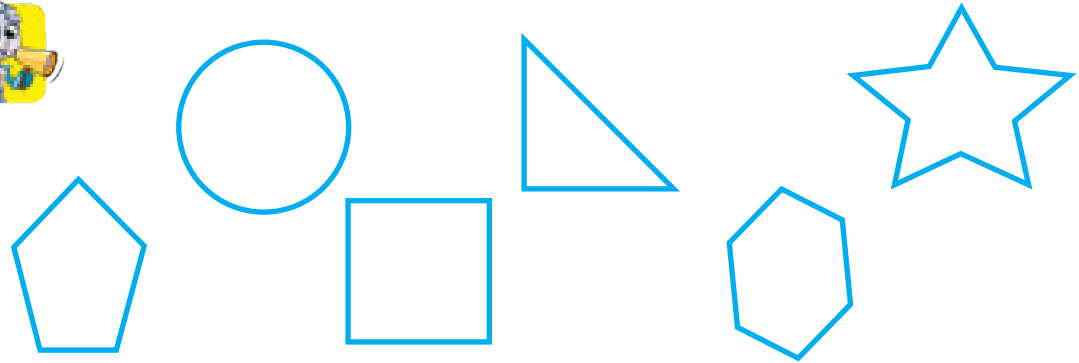
Näçe üçburçluk we köpburçluk bar?



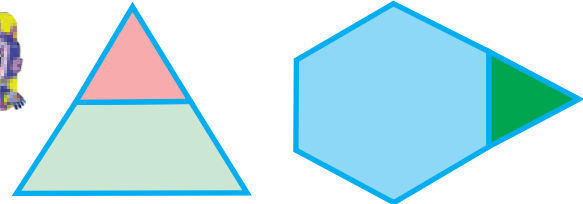
4-nji bap
8-nji ders

Köpburçluklar

1 Haýsy şekil köpburçluk, başburçluk, altyburçluk?



2 Şekiller nähili köpburçluklardan düzülen?

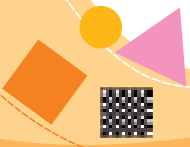
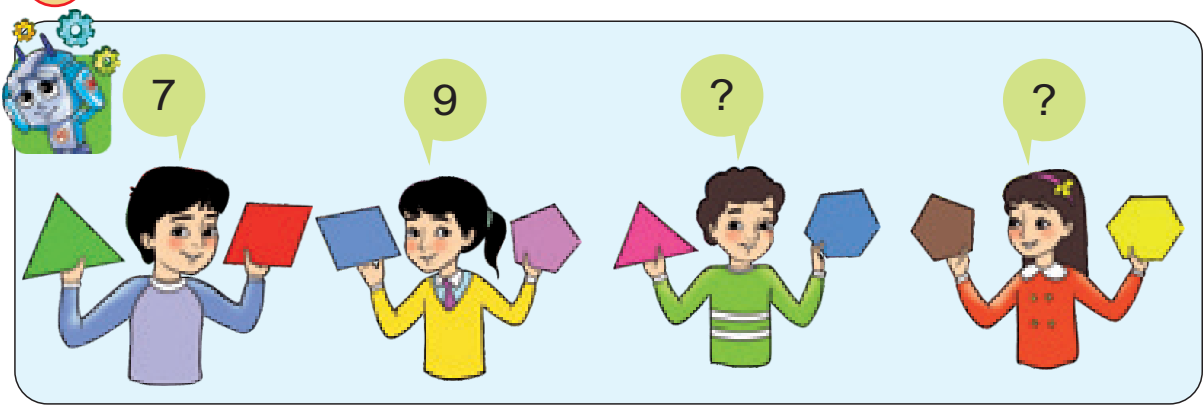


Köpburçluklaryň burçlary näçe?

3 Şekilleri toparala bölýäris. Haýsyy artykmaç?



4



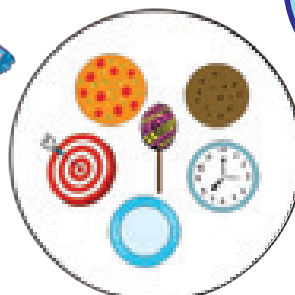
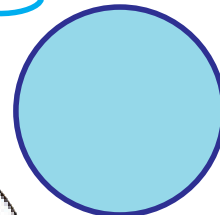
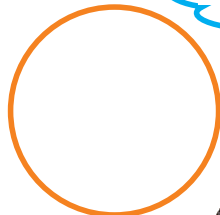
4-nji bap
9-njy ders

Töwerek we tegelek

1

Bu – töwerek.

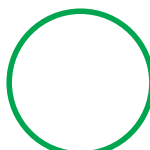
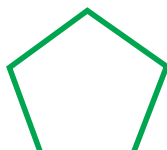
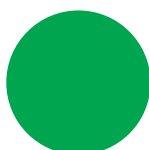
Bu – tegelek.



Ýene nämeler töwerege we tegelege meňzeyär?

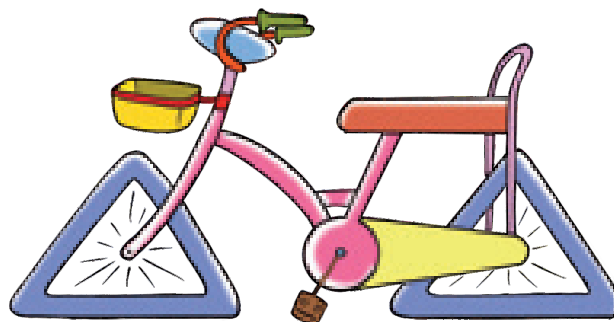
2

Haýsysy töwerek, haýsysy tegelek?



3

Suratdaky ýalňyşlyk nämede?



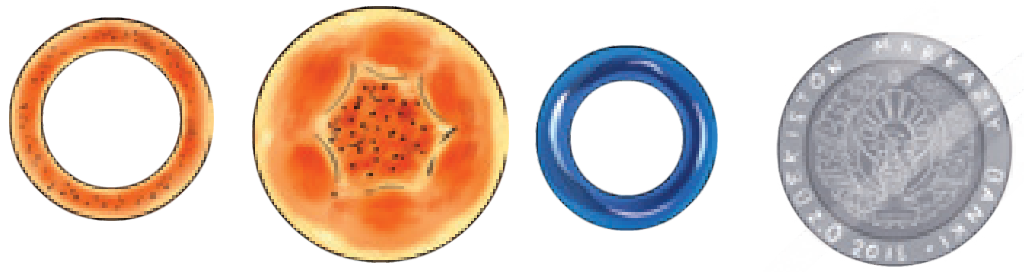
4

Karusel hereketlenende nähili şekili emele getirýär?



4-nji bap | Töwerek we tegelek
10-njy ders

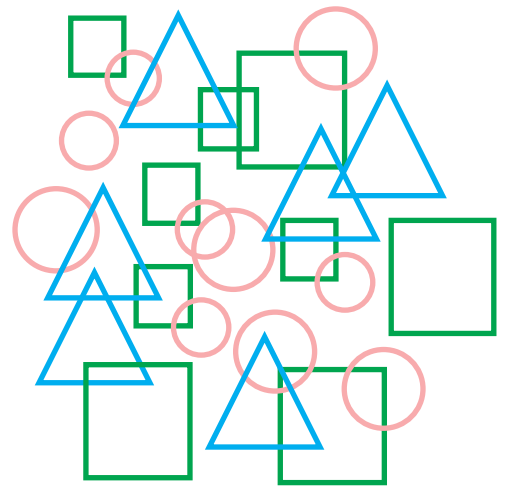
1 Deňşdirýäris.



2 Şekiller näçe sanydan?



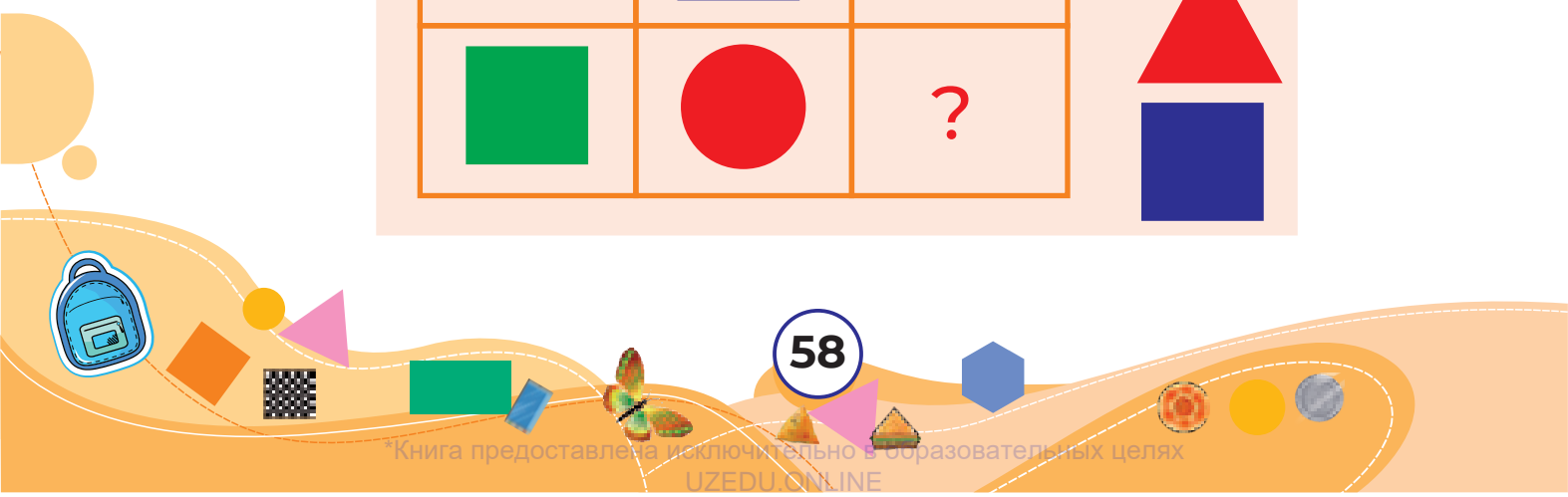
○ = ?
 △ = ?
 □ = ?



3 Boş gözenege şekilleriň haýsysy gabat gelýär?



		?	



4-nji bap
11-nji ders

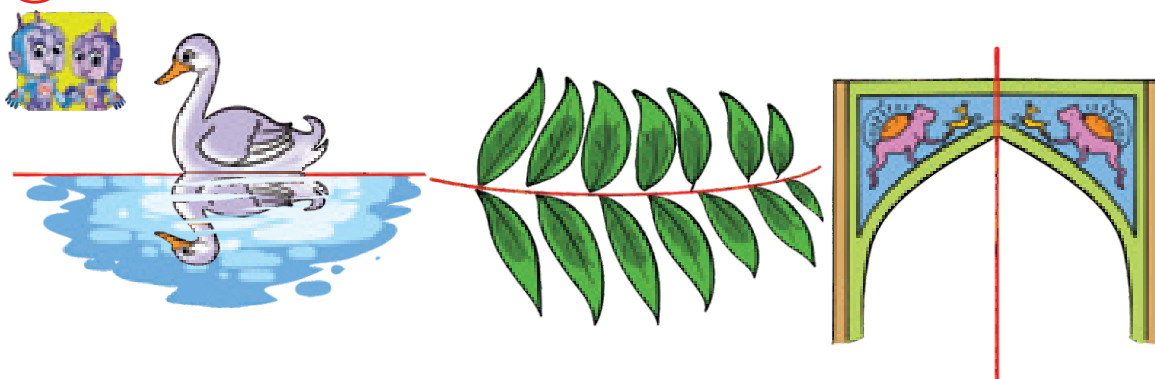
Simmetriya

1

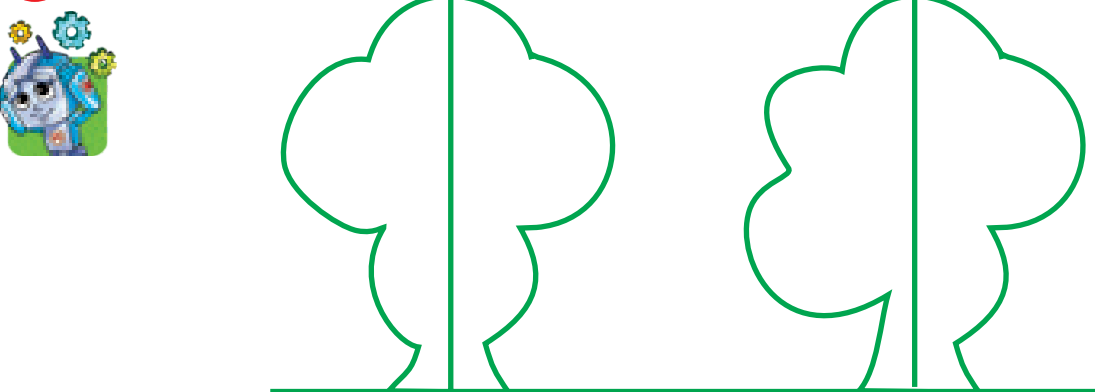


Bu – simmetrik şekil,
ony eplesek, iki değışli
bölekleri üstme-üst düşyar.

2 Simmetriya oky nahili geçirilen?

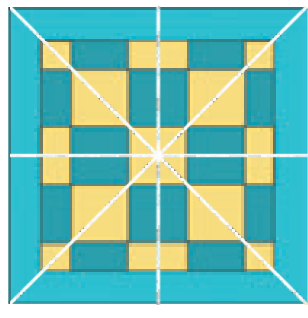
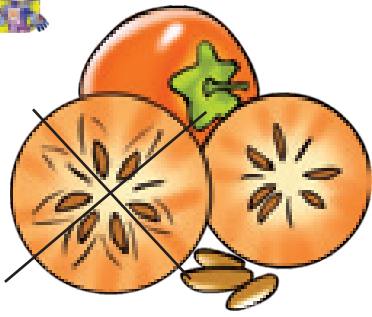


3 Haýsy şekil simmetrik?

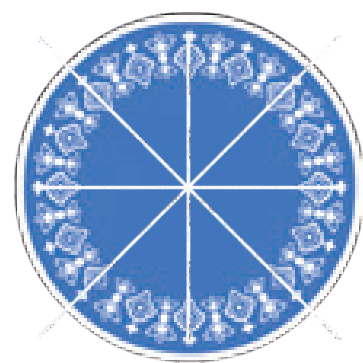
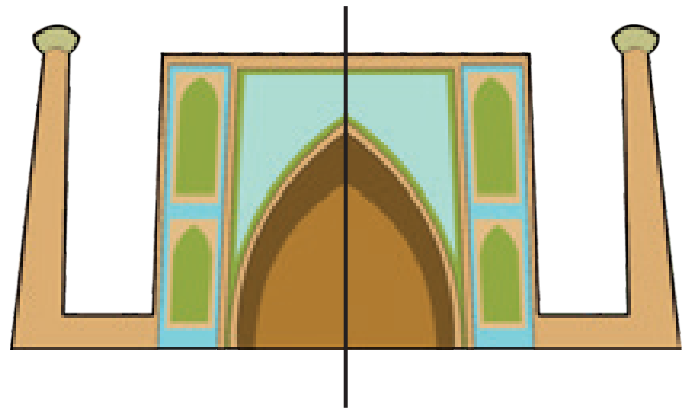


4-nji bap | **Simmetriya**
12-nji ders

1 Şekillerdäki simmetriya oklaryny sanaýarys.



2 Olar näçe sanydan simmetriya okuna eýe?



$2 + 2 = 4$

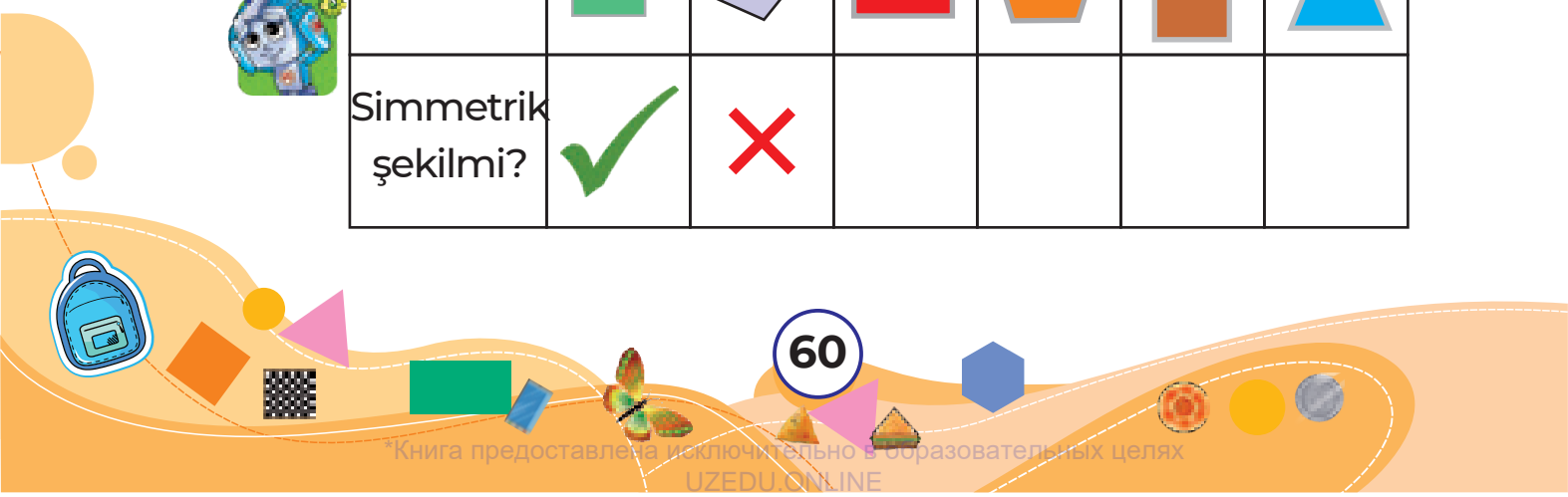
3 Haýsısy simmetrik bolýar?



4

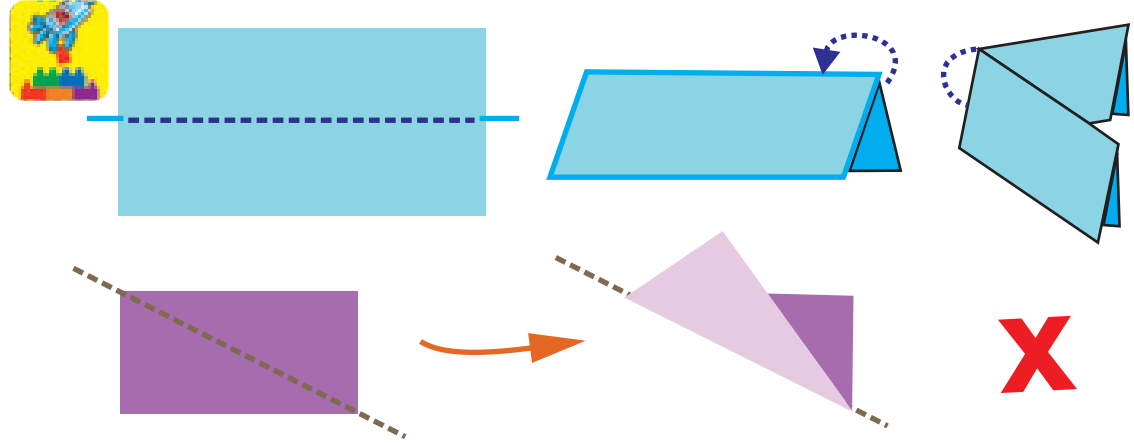


Simmetrik şekilmi?						

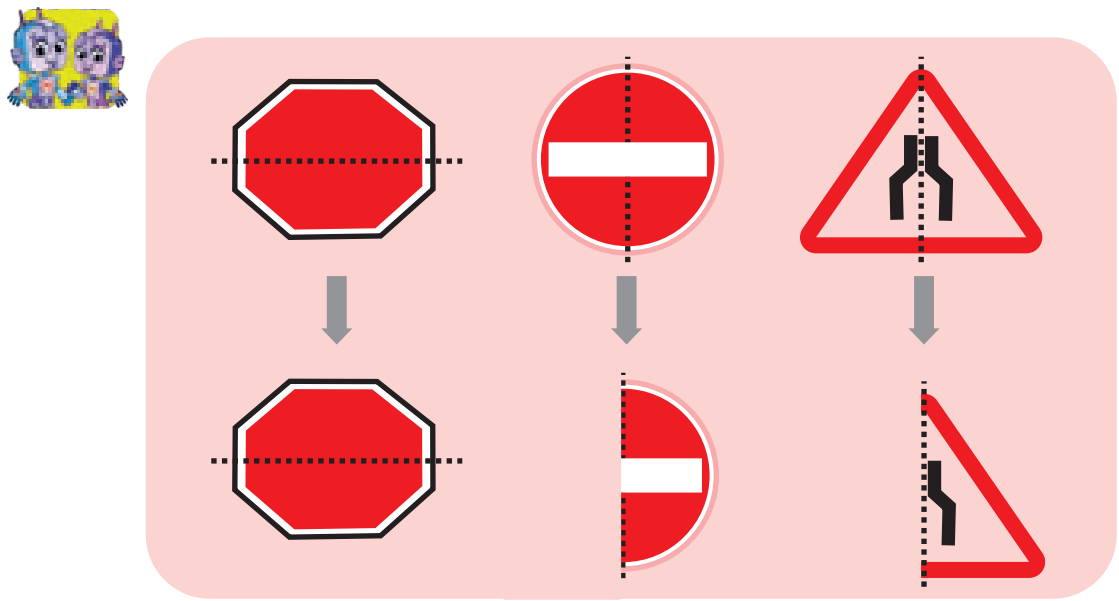


4-nji bap | 13-nji ders | Simmetriya

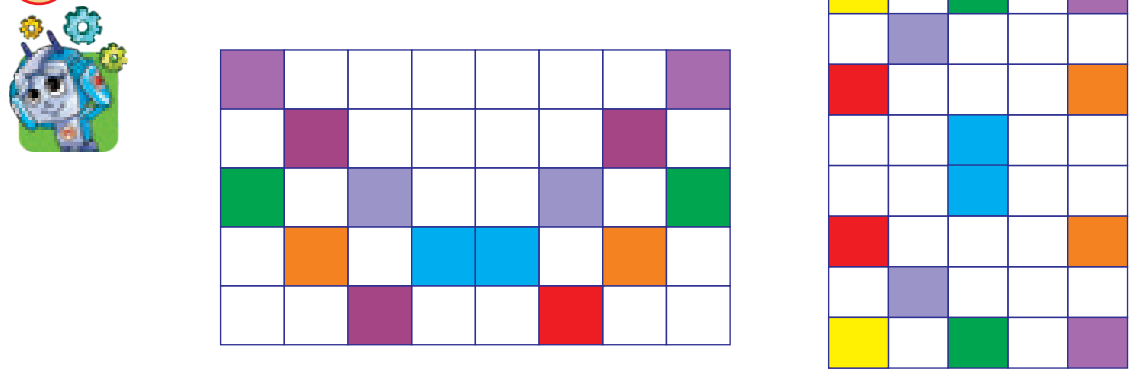
1 Şekilleri eplap, simmetrik böleklere bölýäris.



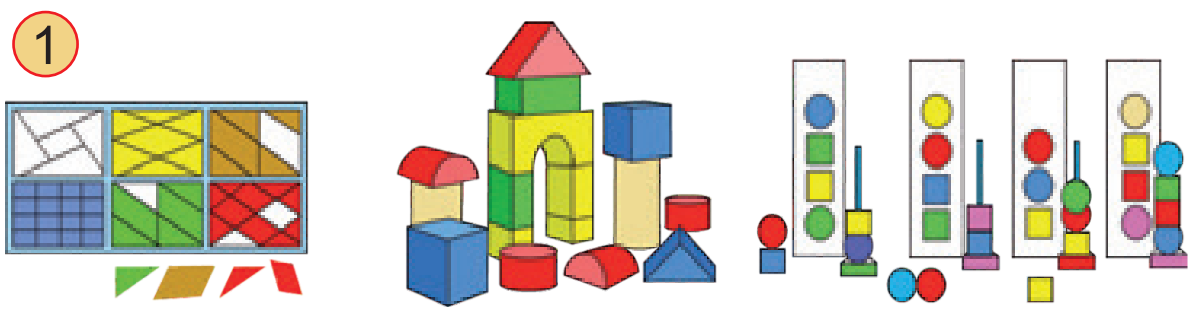
2 Deňşdirýäris.



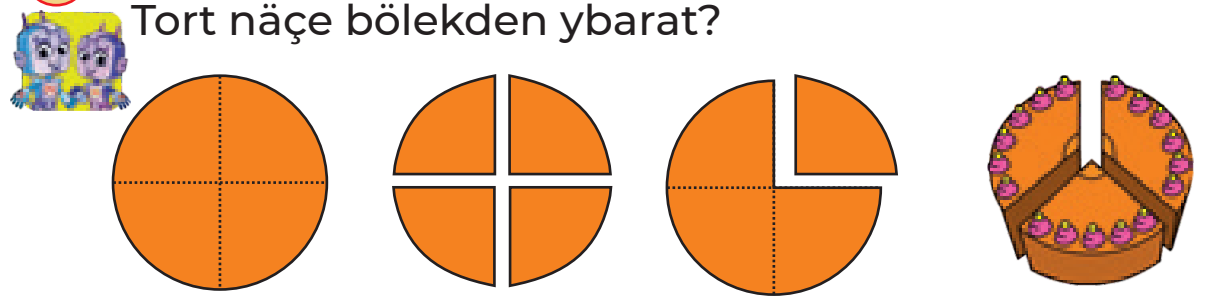
3 Simmetriya nähili emele geldi?



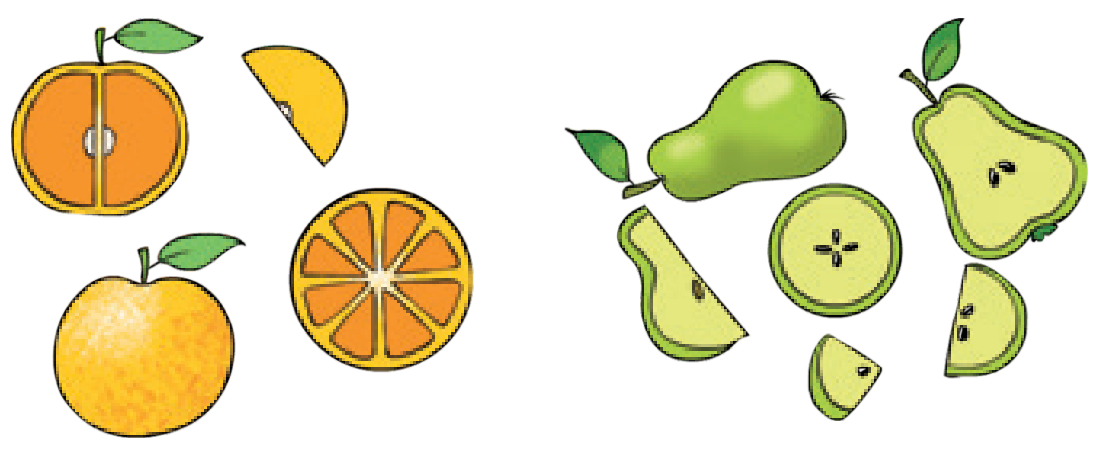
4-nji bap | Böleklerden bitini, bitinden 14-nji ders bölekleri almak



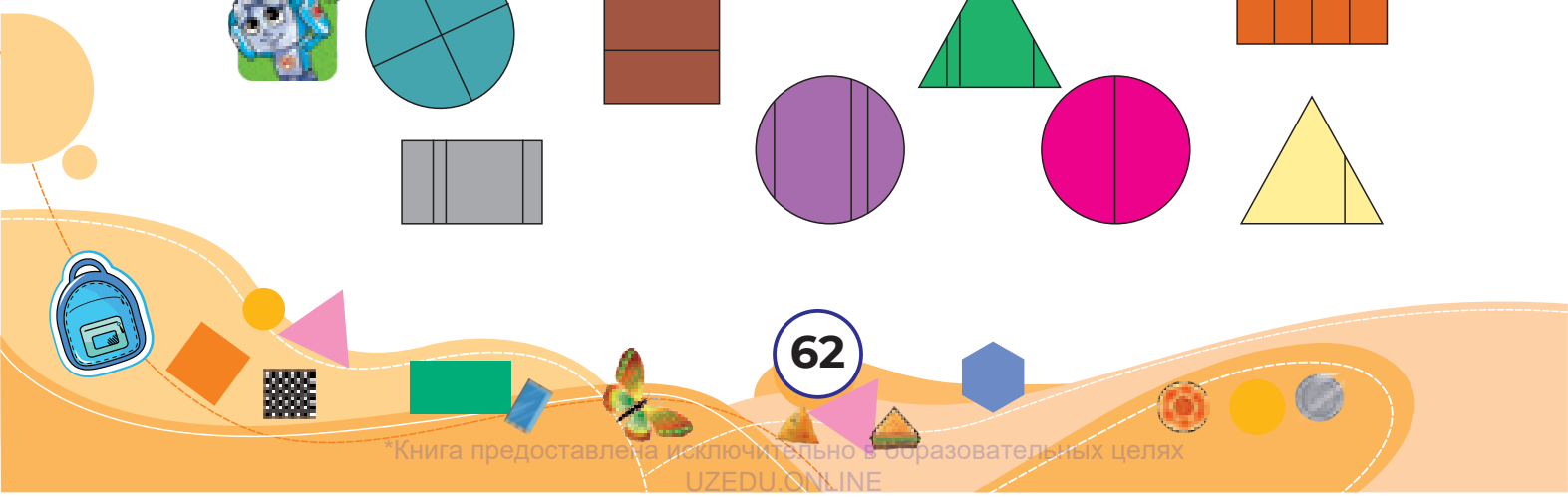
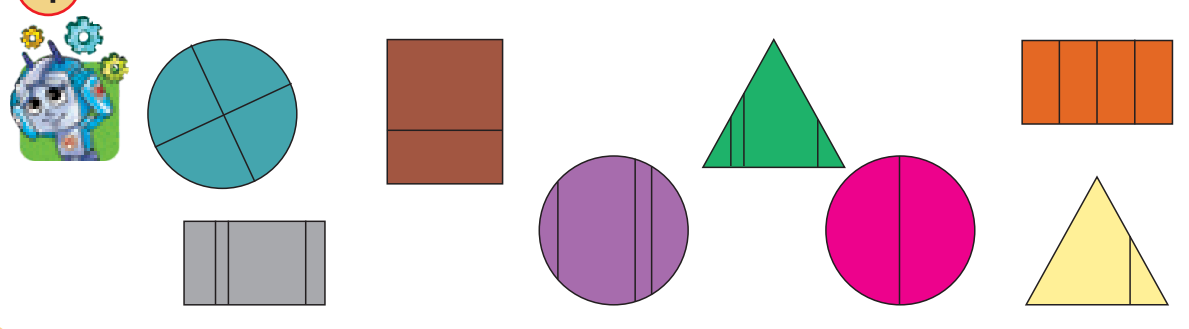
2 Tegelek näçe bölekden ybarat?
Tort näçe bölekden ybarat?



3 Miweleriň böleklerini deňeşdirýäris.



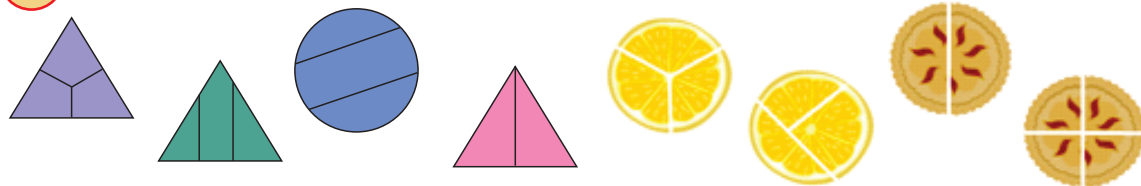
4 Haýsy şekiller deň böleklere bölünen?



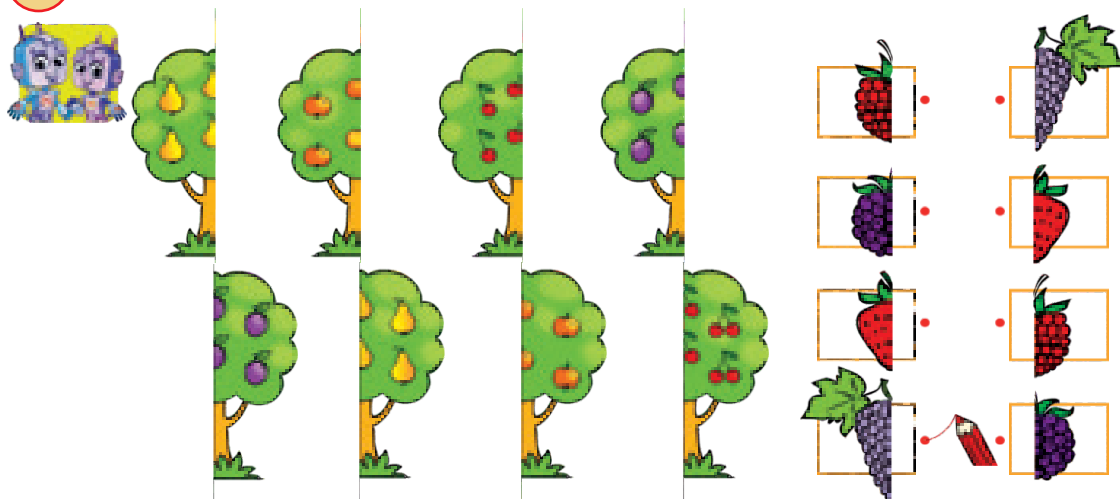
4-nji bap | Böleklerden bitini, bitinden bölekleri almak

15-nji ders

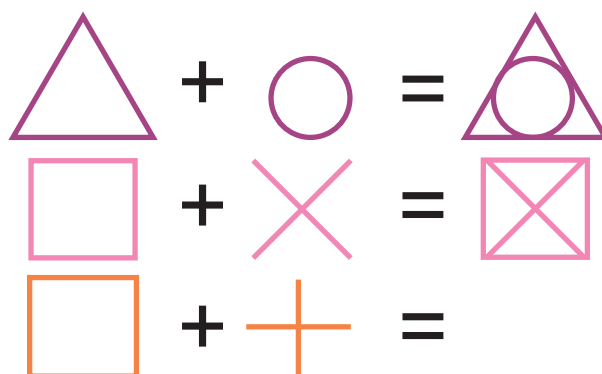
1 Nämeler deň böleklerge bölünen?



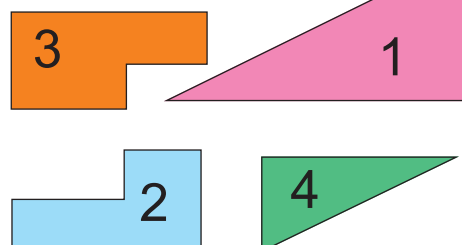
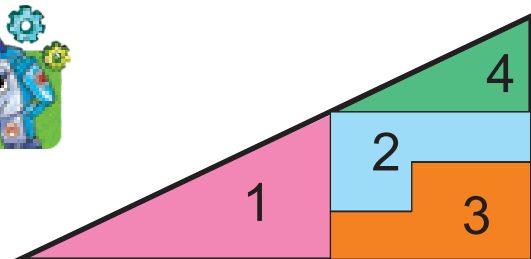
2 Değişli bölekleri tapýarys, miweleri sanaýarys.



3 Şekillerden nämeler emele gelýär?



4 Deňeşdirýäris we düşündirýäris.



4-nji bap
16-njy ders

Dürli şekilleri gurmak

1 Nusga boýunça netijeleri tapýarys.



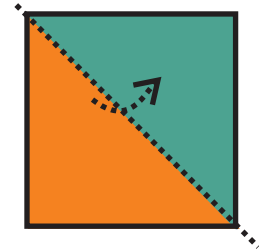
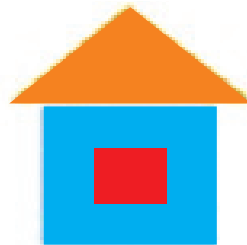
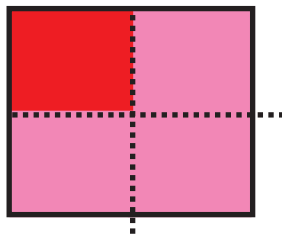
Taýajyklardan şekilleri gurýarys.

	-		=	
	-		=	?
	-		=	?

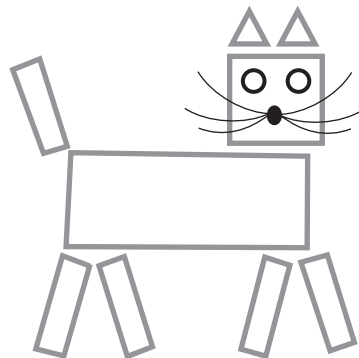
4-nji bap
17-nji ders

Dürli şekilleri gurmak

1 Şekilleriň böleklerinden dürli modelleri gurýarys.



2



→ ? sany

→ ? sany

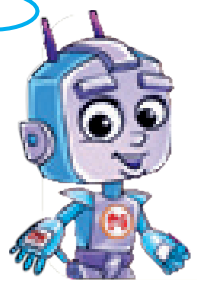
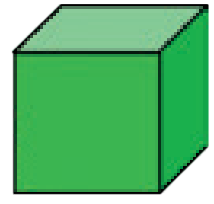
→ ? sany

→ ? sany

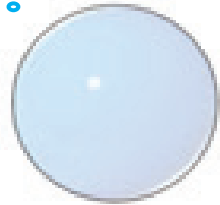
4-nji bap | Giňişlikdäki yönekey şekiller
18-nji ders

1

Bu – kub.



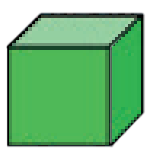




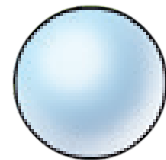


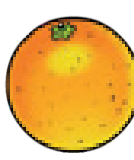

Bu – şar.



2

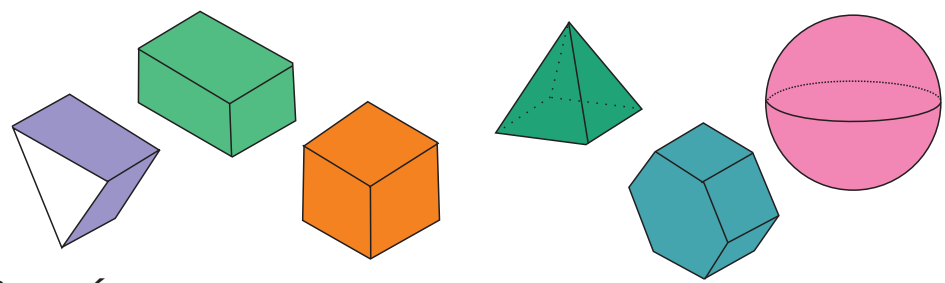
Ýene nämeler kuba we şara meňzeýär?



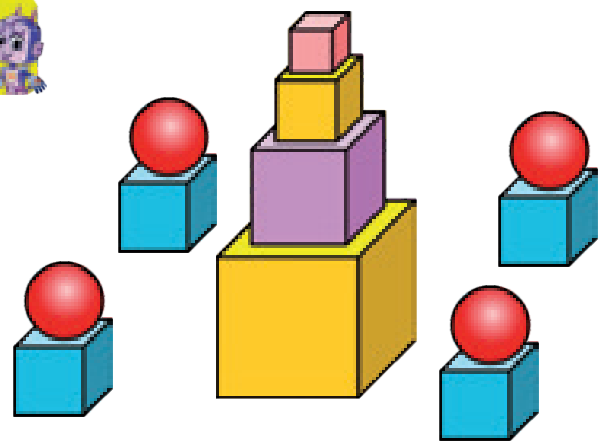
3


Haýsysy kub?




4

Sanaýarys.



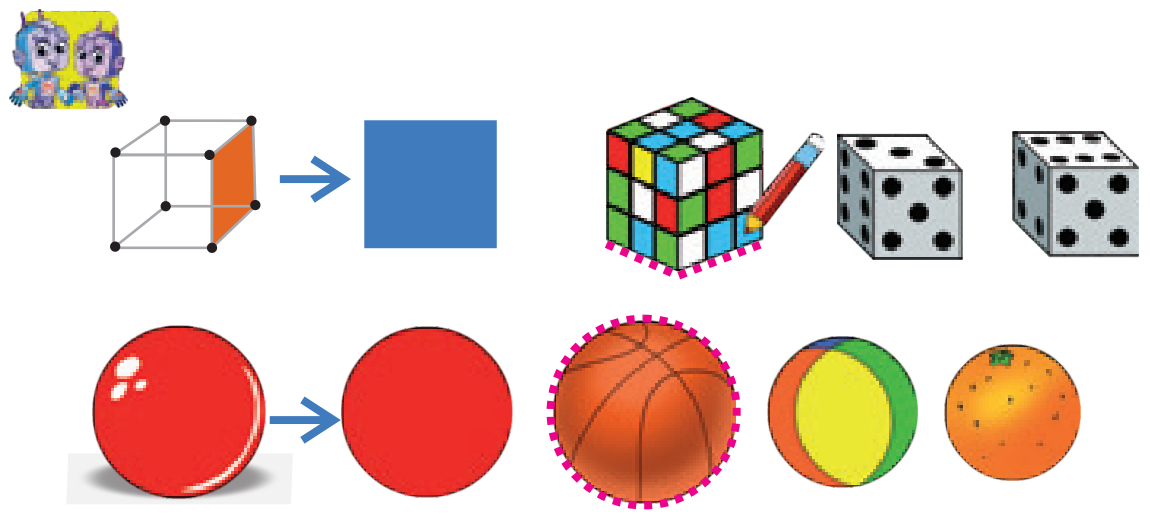
 → sany

 → sany

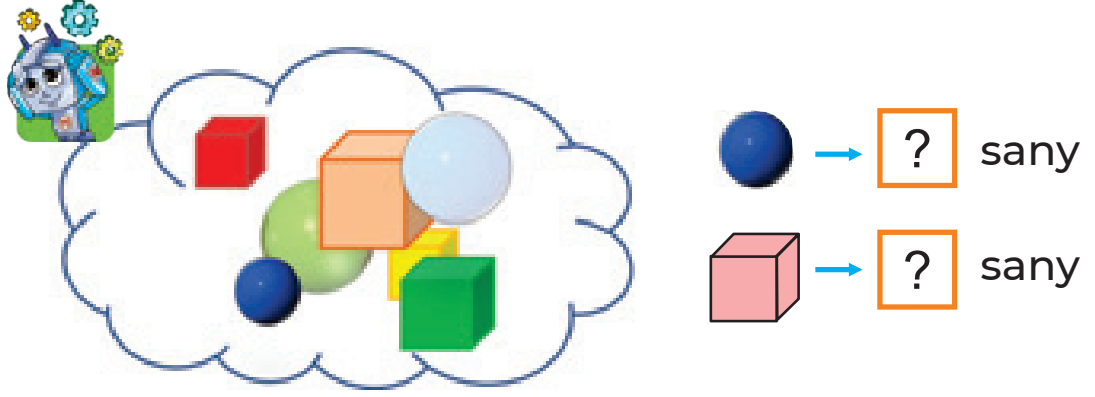
Kublar şarlardan näçe sany köp?

4-nji bap | 19-njy ders | Giňişlikdäki yönekey şekiller

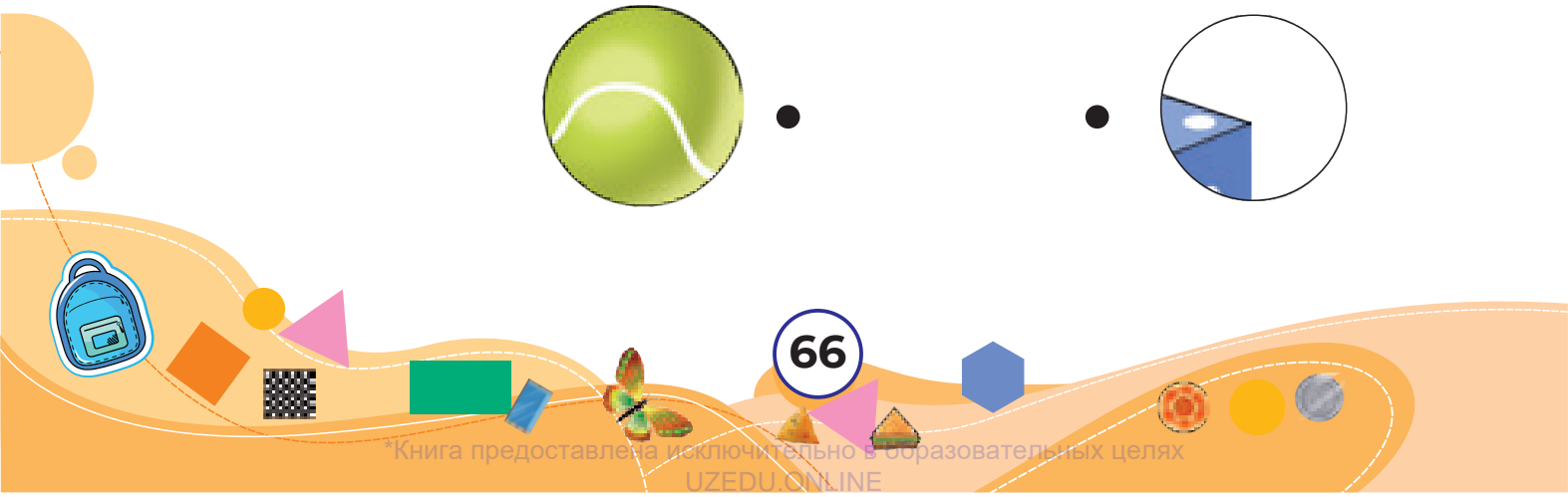
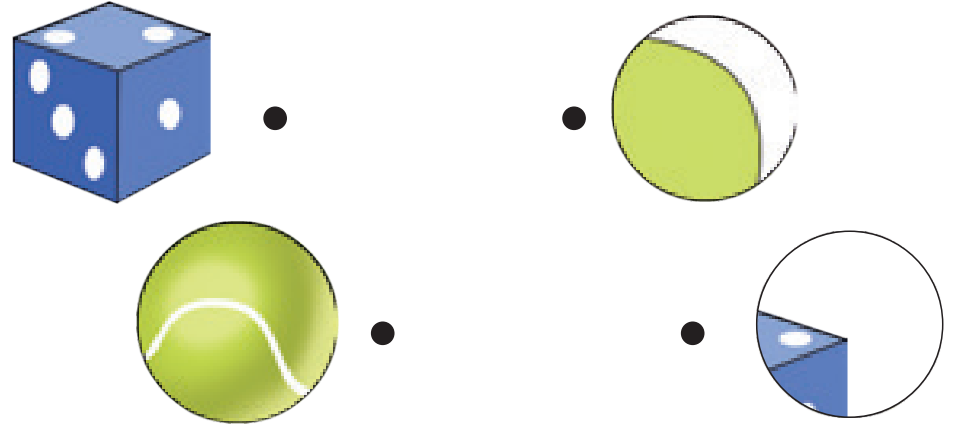
1 Kubuň we şaryň görnüşi nähili şekilde?



2 Şekiller jemi näçe?



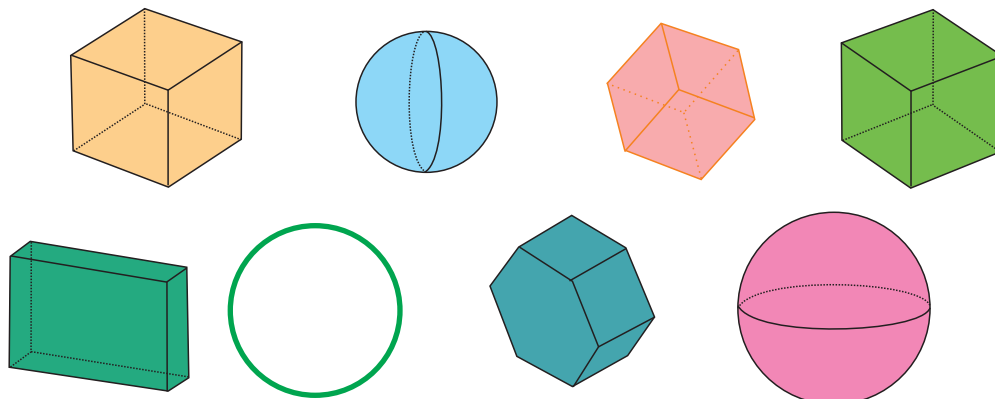
3 Laýygyny saýlaýarys.



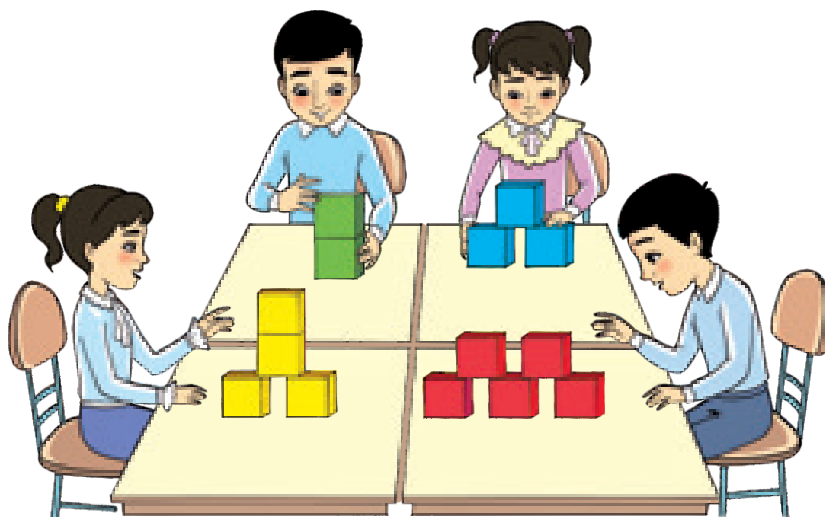
4-nji bap
20-nji ders


Giňişlikdäki yönekey şekiller

1 Haýsy şekil şar? Haýsy şekil kub?




2 Çagalarda näçe sanydan kub bar?



 → sany

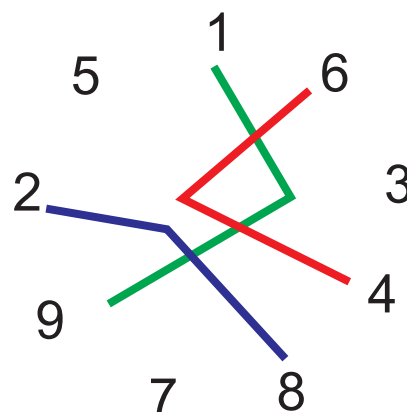
 → sany

 → sany

 → sany

3 Döwük çyzyklaryň kömeginde utgaşdyrylan sanlaryň jemi näçä deň?

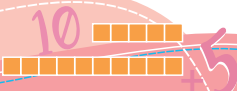
$$1 + 9 = 10$$



5-nji bap | **11-DEN 20-Ä ÇENLI BOLAN SANLAR**
1-nji ders | **SANLAR**

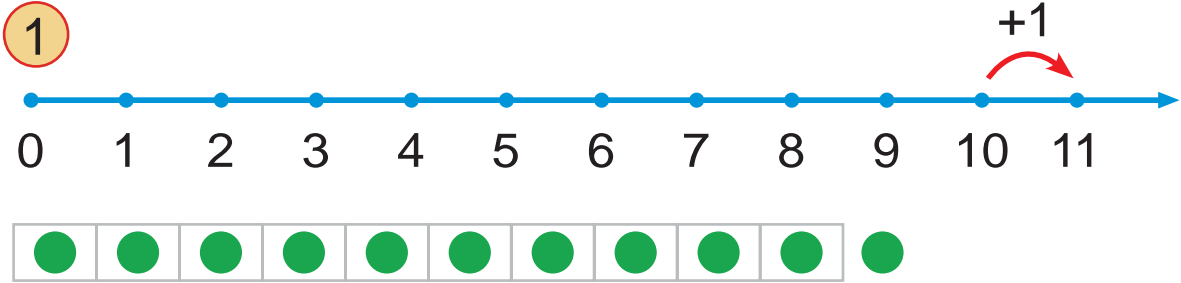
Nämeleri görýärsiňiz? Olaryň sany näçeden?





5-nji bap
2-nji ders

11 sany



11

11 bu 10 we 1

2

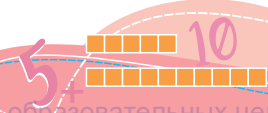
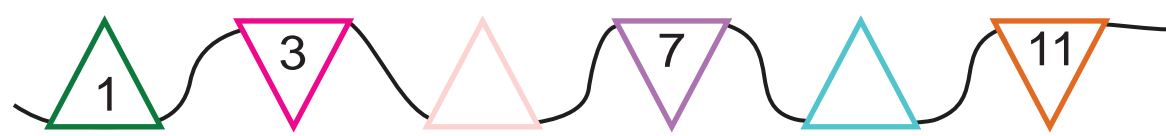
Bir onluk, bir birlik

- sany - sany

Pomidorlar hyýarlardan sany köp.

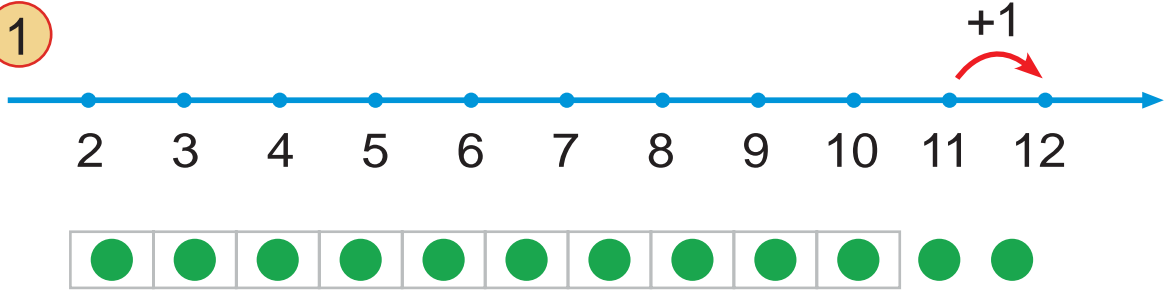
10 sany 11 sanyndan sany az.

3 Haýsy sanlar düşüp galyr?



5-nji bap | **12 sany**
3-nji ders

1



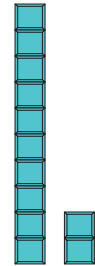
12  

12 bu 10 we 2

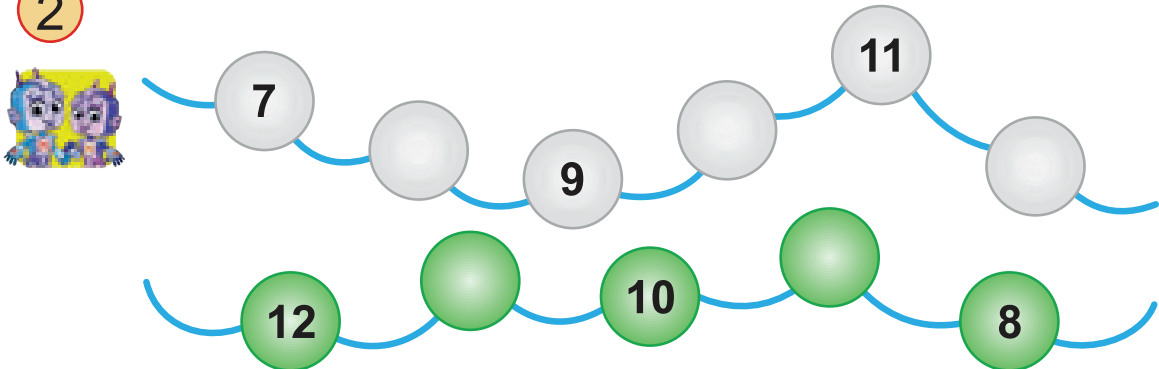


$$10 + 2 = 12$$

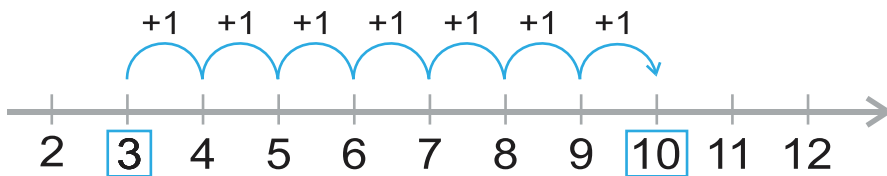
Bir onluk, iki birlik



2



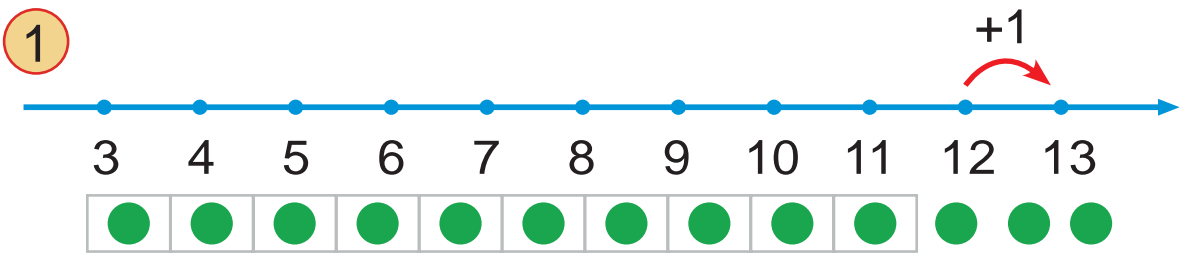
3 Jem nāçä deñ?



$$3 + 7 = \square$$



5-nji bap | 13 sany
4-nji ders



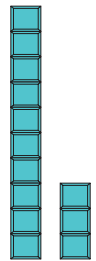
13

13 bu 10 we 3

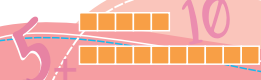


$$10 + 3 = 13$$

Bir onluk, üç birlik

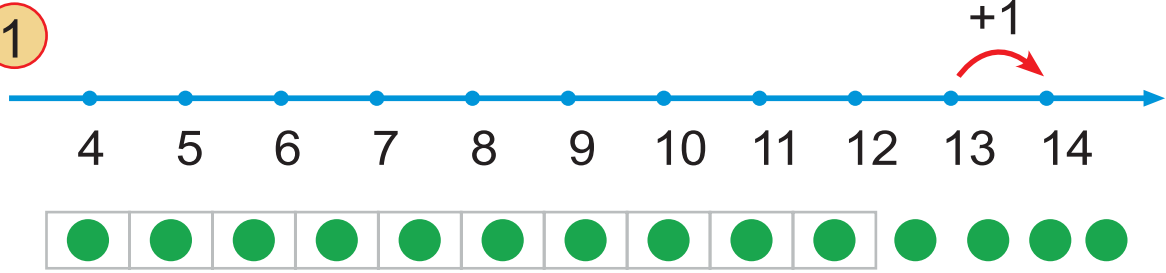


13 sany sanyndan uly.
 sany 13 sanyndan kiçi.
 12 sany we sanlarynyň arasynda.



5-nji bap | 14 sany
5-nji ders

1



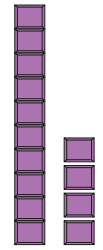
14

14 bu 10 we 4



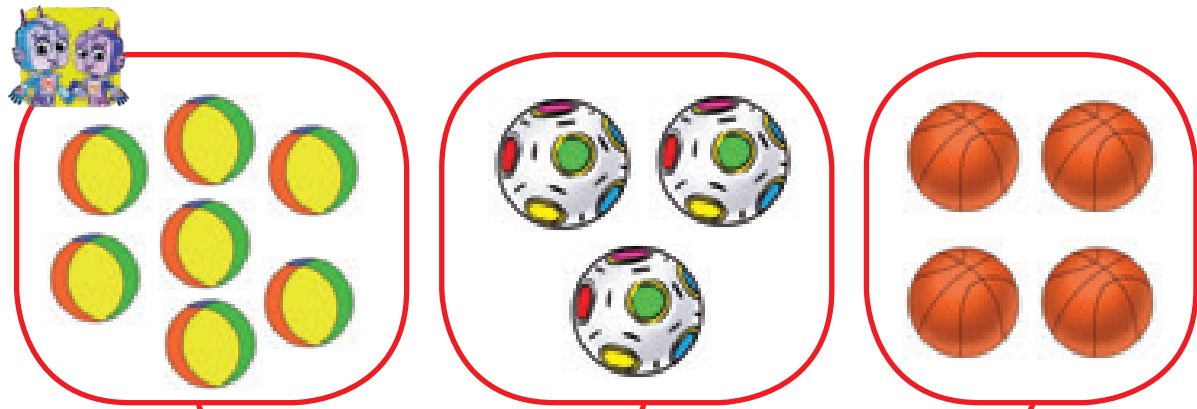
10 + 4 = 14

Bir onluk, dört birlik



2

Pökgüler jemi näçe?

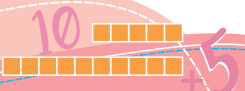


7 + =

4

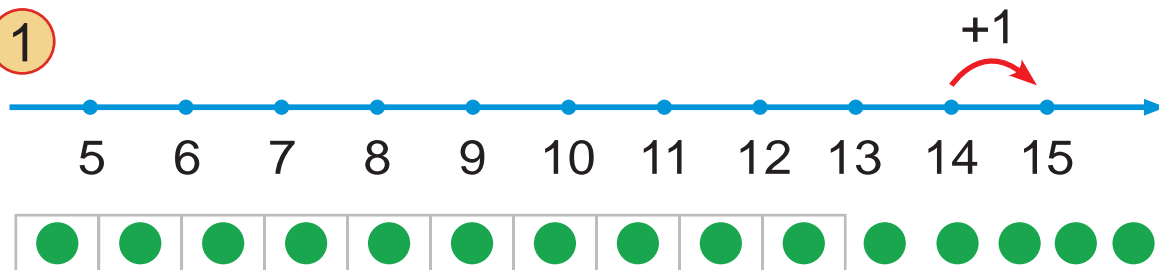
+ + =

14

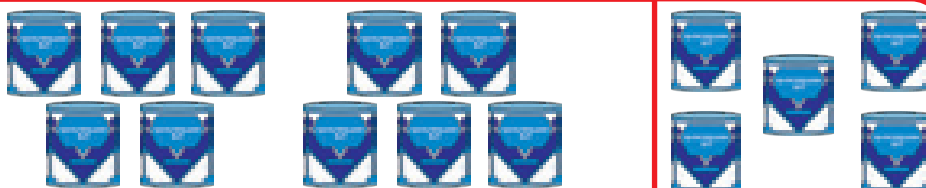


5-nji bap | 6-njy ders | 15 sany

1



15

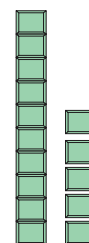


15 bu 10 we 5

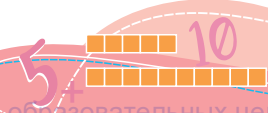


$$10 + 5 = 15$$

Bir onluk, bäs birlik



2 Hasaplayarys.



5-nji bap | **16 sany**
7-nji ders

1



16

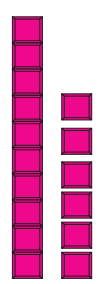
16 bu **10** we **6**

A red-bordered box containing the number 16 on the left. To its right are base ten blocks: one ten rod (a long yellow block with a red band) and six one units (smaller yellow blocks with red bands). Below the blocks, the text "16 bu 10 we 6" is written, with the numbers 10 and 6 enclosed in blue rounded rectangles.

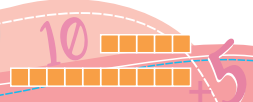
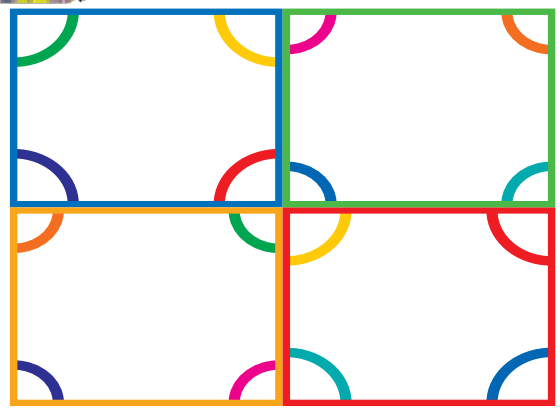
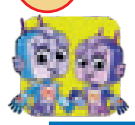


$$10 + 6 = 16$$

Bir onluk, alty birlik



2 Jemi burçlar näçe?



5-nji bap
8-nji ders

17 sany

1



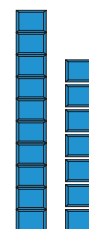
17

17 bu 10 we 7

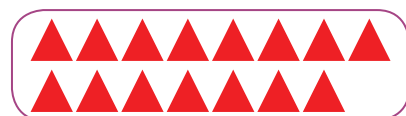


$$10 + 7 = 17$$

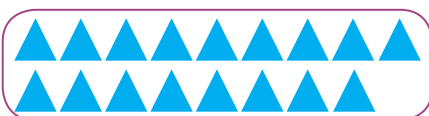
Bir onluk, ýedi birlik



2



15 sany ▲ 17 sany ▲ az.



17 sany ▲ 15 sany ▲ köp.



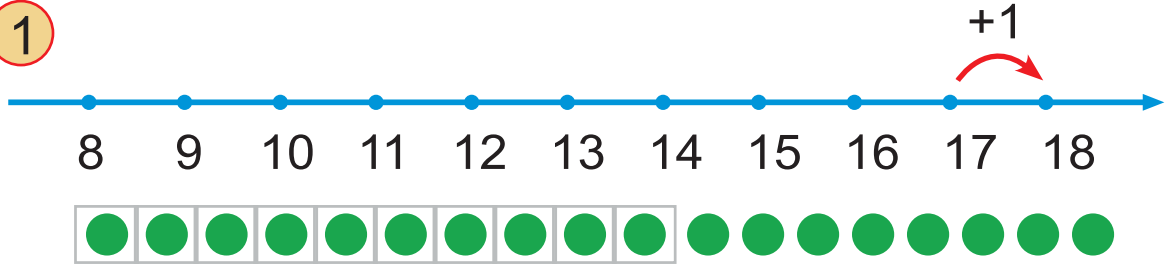
12 sany ▲ 15 sany ▲ az.

Berlen sanlaryň içinde iň ulusy we iň kiçisi haýsy?
Üçburçluklardan iň köpi haýsy? Iň az haýsy?



5-nji bap | **18 sany**
9-njy ders

1



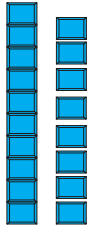
18

18 bu 10 we 8

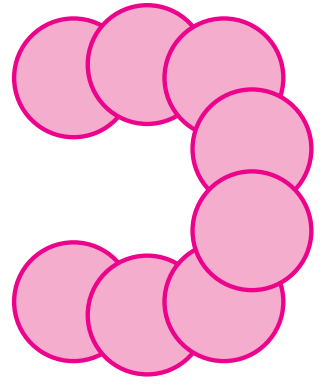
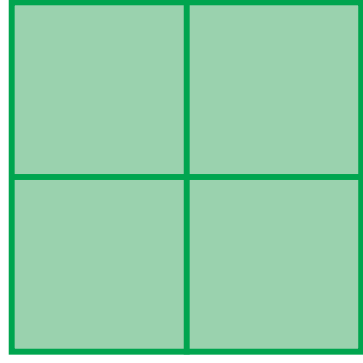
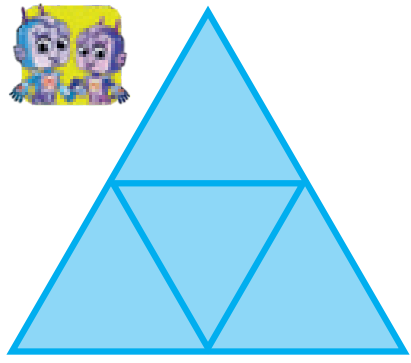


$$10 + 8 = 18$$

Bir onluk, sekiz birlik



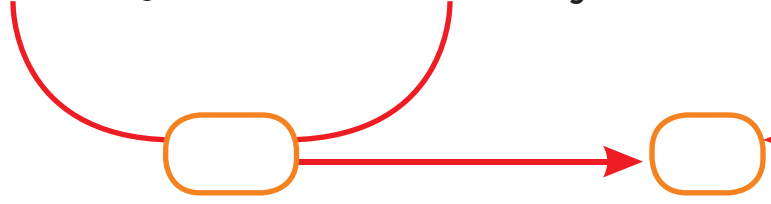
2 Jemi şekiller näçe?



lar ____ sany

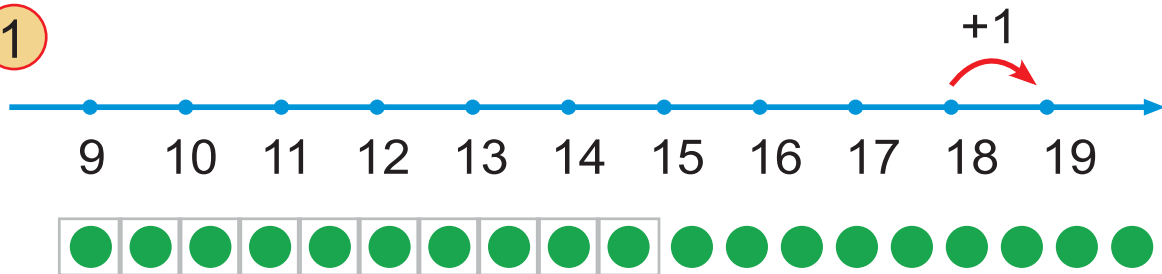
lar ____ sany

lar ____ sany



5-nji bap | 10-njy ders | 19 sany

1



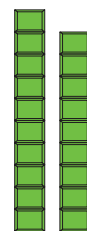
19

19 bu 10 we 9

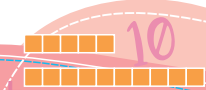


$$10 + 9 = 19$$

Bir onluk, dokuz birlik

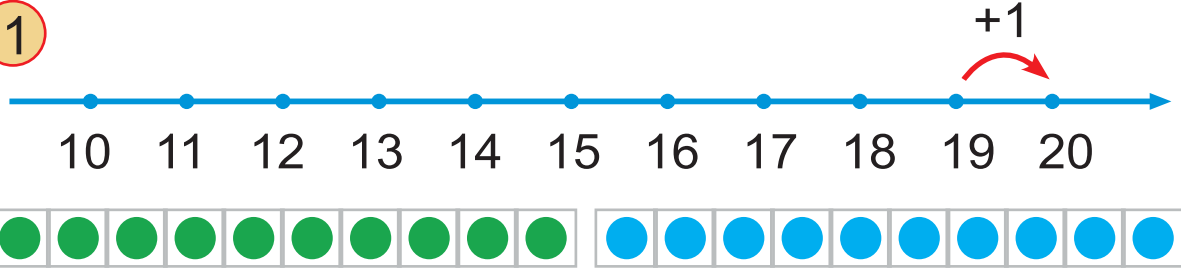


2 Sanlar hataryny dowam etdiryaris.



5-nji bap | **20 sany**
11-nji ders

1



20 

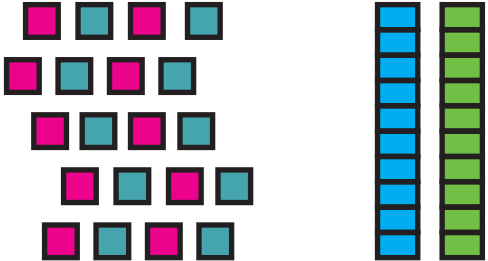
20 bu 10 we 10



$10 + 10 = 20$

Iki onluk

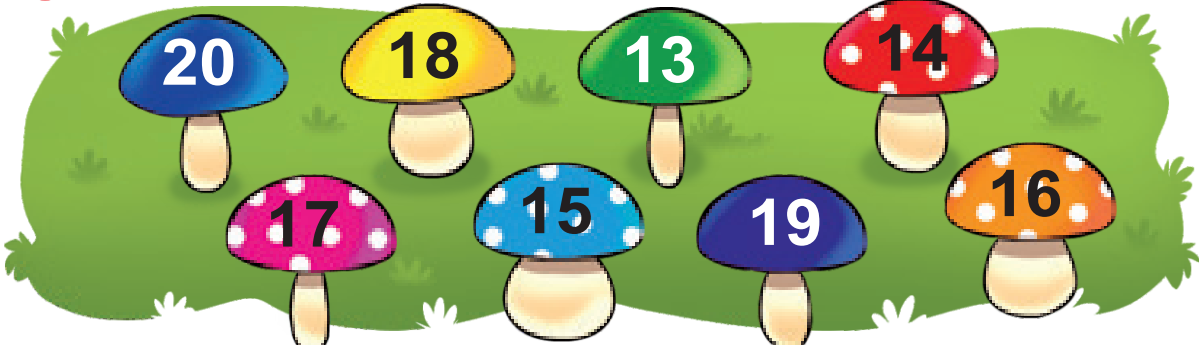
2



sany birlik = sany onluk =

3

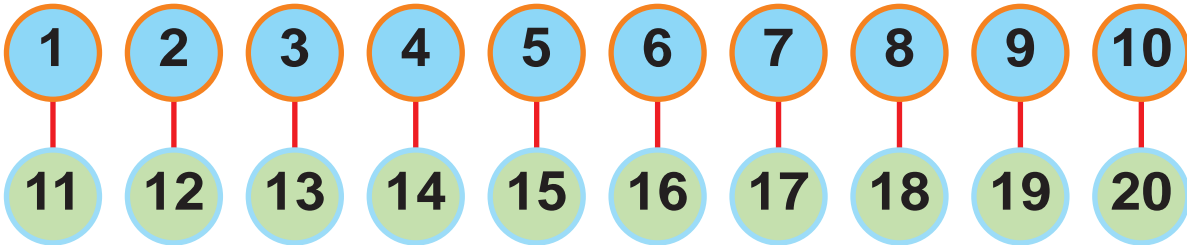
Sanlary artyan tertipde aydayars.



5-nji bap
12-nji ders

11-den 20-ä çenli bolan sanlar

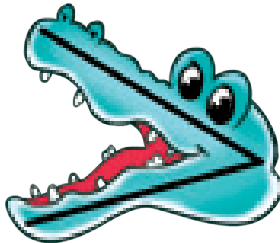
1 Laýyk goýlan sanlary tapawutlandyryrys.



2 Deňeşdirýäris.



12
9
11



4
1
6

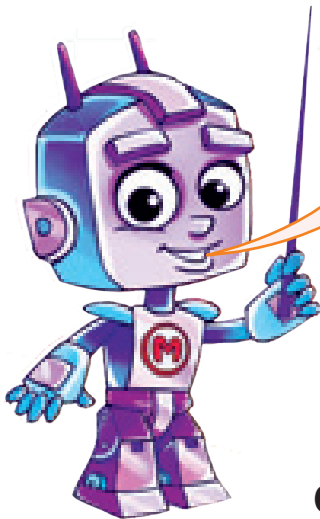


13
18
16

>

<

3



Sanlar hataryny birliklerde we onluklarda aňladýarys.



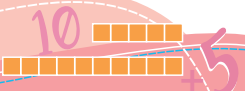
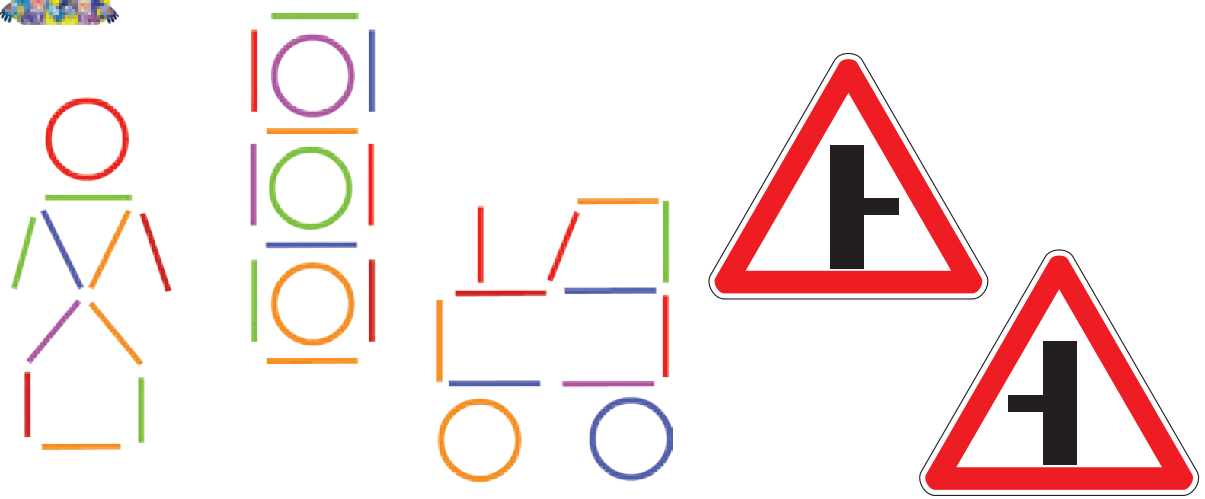
5-nji bap | Birnäçe taýajyklardan dürli şekilleri gurmak
13-nji ders

1



2

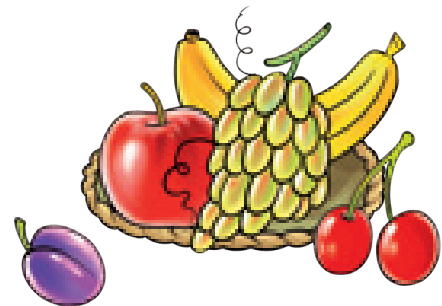
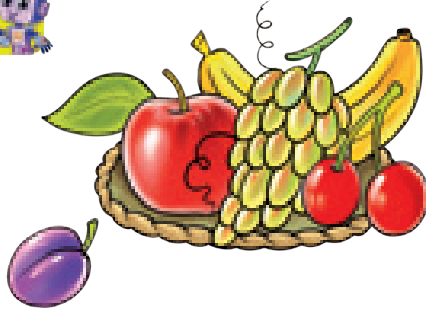
Nusgadaky şekilleri gurýarys.



5-nji bap | Suratlary özara tapawutlandyrmak

14-nji ders

1 Suratlaryň tapawutlaryny tapýarys.



2 Näçe tapawudy görýärsiňiz?



3 Sizde-de dört tapawut tapyldymy?






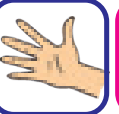

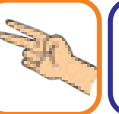

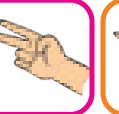









5-nji bap | **Yzygiderligi dowam etdirmek**
15-nji ders

1

					
3	2	3	2	3	2

2 Yzygiderlik esasynda düşüp galan suratlary tapýarys.



3 Hereketleri synpda dowam etdirýäris.



4 Degişli jogaplar haýsy?

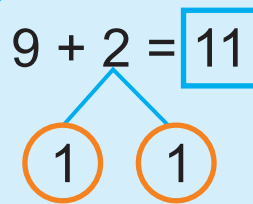
$3 + 4$	10	$7 - 5$	7	$9 + 1$	3
	$4 - 1$	2			



6-njy bap
1-nji ders

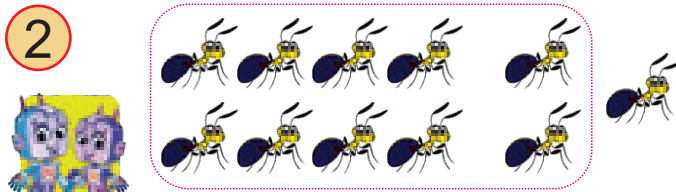
20 IÇINDE SANLARY ONLUK DAN
GEÇIP GOŞMAK WE AÝYRMAK

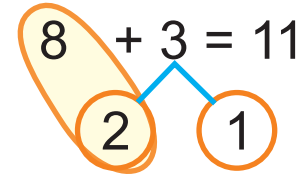
1

$9 + 2 = 11$


$9 + 1 = 10$
 $10 + 1 = 11$

2

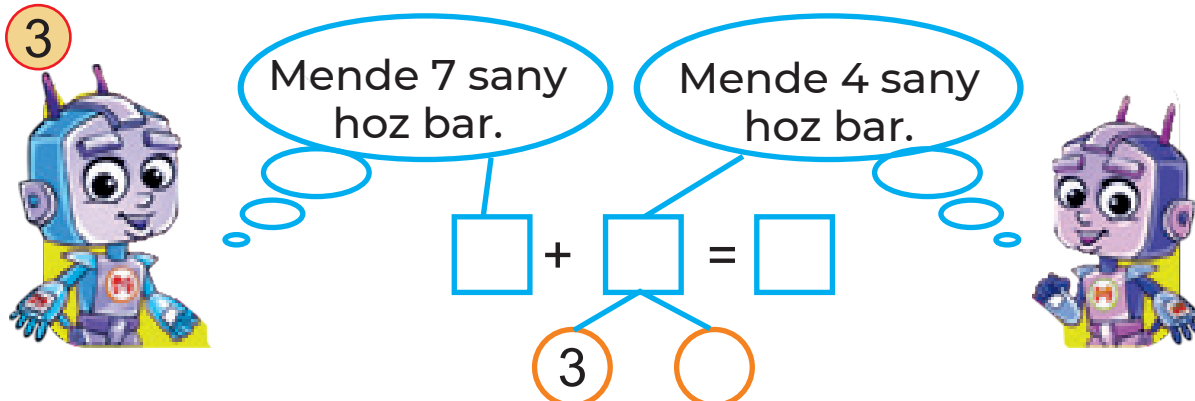


$8 + 3 = 11$


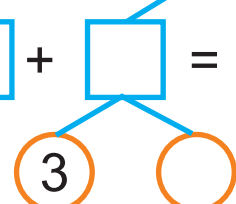
$8 + \square = 10$

$10 + \square = \square$

3



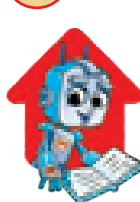
Mende 7 sany hoz bar.
 Mende 4 sany hoz bar.

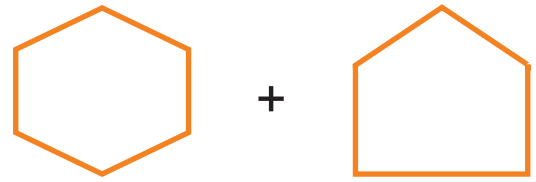
$\square + \square = \square$


$\square + \square = 10$

$10 + \square = \square$

4 Şekilleriň depeleri näçeden? Jemi depeler näçe?





$\square + \square = ?$

$5 + 5 + 1 = \square$

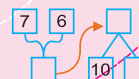
$7 + 3 + 1 = \square$

$6 + 4 + 1 = \square$

$9 + 1 + 1 = \square$

$4 + 6 + 1 = \square$

$8 + 2 + 1 = \square$



6-njy bap | **Sanlary onlukdan geçip**
2-nji ders | **goşmak**

1

9 + 3 = 10 + 2 = 12

2

8 + 4 = □

3

7 + 5 = □

4 Jemi guşlar näçe?

□ + □ = □

5 Hasaplaýarys.

7	9	7 + 2	5	6	6	7
+ 2		9 + 2	- 3		+ 5	

6-nyj bap
3-nji ders

Sanlary onlukdan geçip
goşmak

1



Nargizada 9 sany monjuk
Aişada 4 sany monjuk] ?

$$9 + 4 = \square$$

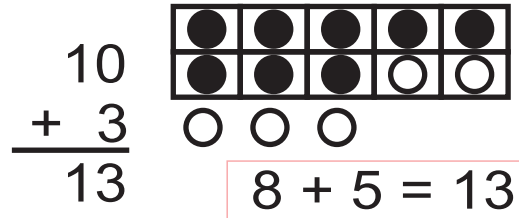
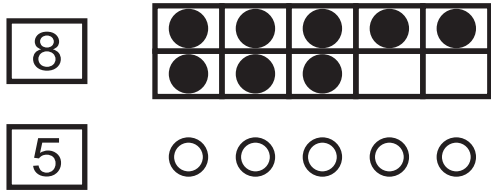
Diagram showing 9 and 4 with a bridge. The bridge has 1 on the left and 3 on the right, indicating the decomposition of 4 into 1 and 3.

$$\square + \square = 10$$

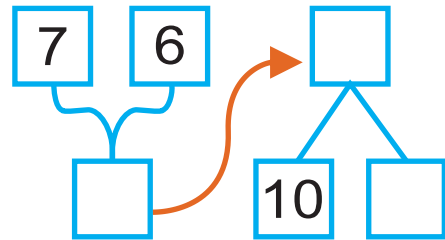
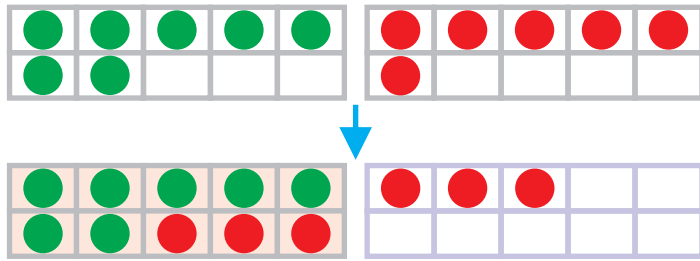
$$10 + \square = \square$$

2

Hasaplama nähili ýerine ýetirilipdir?



3



4



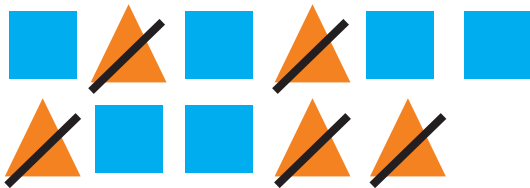
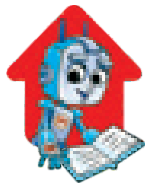
$$6 + 3 + 4 = \square$$

$$\begin{array}{r} 6 \\ + \square \\ \hline 10 \end{array} \quad \begin{array}{r} \square \\ + 3 \\ \hline \square \end{array}$$

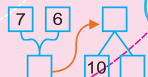
$$3 + 8 + 2 = \square$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline \square \end{array} \quad \begin{array}{r} \square \\ + \square \\ \hline 13 \end{array}$$

5

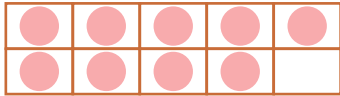
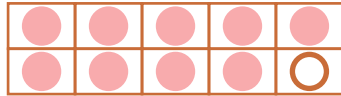




$$11 - \square = \square$$


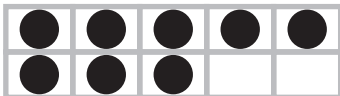
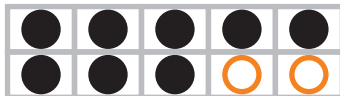




6-njy bap | Sanlary onlukdan ge'cip go'smak
4-nji ders

1

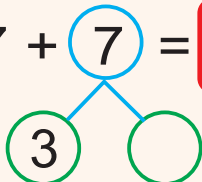
9		10	
5		4	
$9 + 5 = 14$			

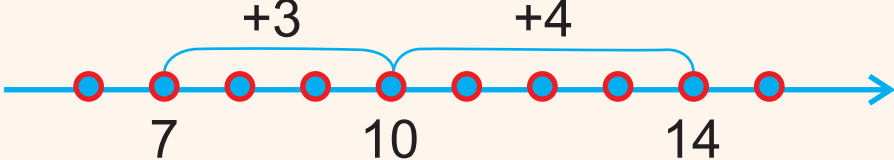
2

	8		10	
6		4		
$8 + 6 = ?$				

3 Hasaplayarys.

$7 + 7 = 7 + 3 + 4 = \square$









4 Ha'sy jemiñ jogaby $4 + 7$ -ä deñ?

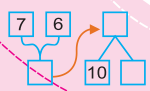
$1 + 4 + 7$	$1 + 3 + 7$	$4 + 7 = ?$
-------------	-------------	-------------

Ha'sy jemiñ jogaby $9 + 5$ -e deñ?

$9 + 1 + 4$	$9 + 2 + 5$	$9 + 5 = ?$
-------------	-------------	-------------

5



	$4 + 8 = \square$	$8 + 3 = \square$	$6 + 7 = \square$	$10 + 4 = \square$
				

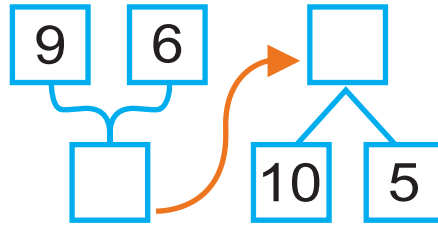
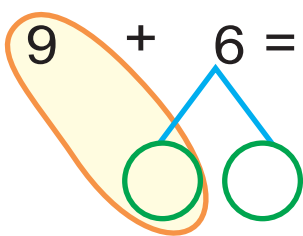


6-njy bap
5-nji ders

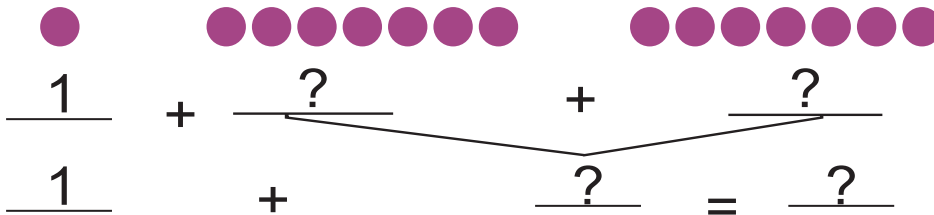
Sanlary onlukdan geçip
goşmak



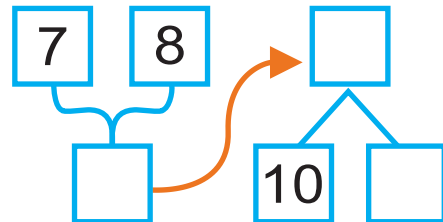
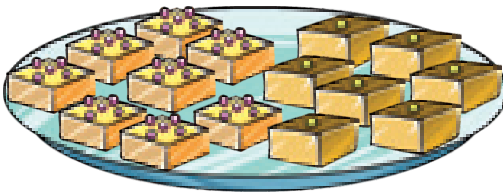
1-nji keşde sany  2-nji keşde sany 



2) Hasaplaýarys: $8 + 7 = ?$



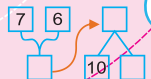
3)



4)



$4 + 7 = \square$ $8 + 7 = \square$ $3 + 11 = \square$
 $8 + 5 = \square$ $9 + 4 = \square$ $9 + 0 = \square$



6-nyj bap | **Sanlary onlukdan geçip**
6-nyj ders | **goşmak**

1



$$\boxed{9} + \boxed{5} = \boxed{}$$

1 4

$$\boxed{10} + \boxed{} = \boxed{}$$

$$\boxed{8} + \boxed{6} = \boxed{}$$

○ ○

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

2

Hasaplaýarys: $9 + 7 = ?$

9		→		$\begin{array}{r} 10 \\ + 6 \\ \hline \square \end{array}$
---	--	---	--	--

3

Hasaplaýarys: $8 + 8 = ?$

8	8	→	□	
□	□		10	

4

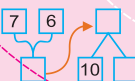


?

5



9+5	8+6	8+8
7+8	6+7	7+7



6-njy bap
7-nji ders

Sanlary onlukdan ge'cip
go'smak

1

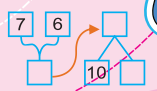
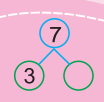
2 Hasaplayarys.

3 Fatyma ha'ysy sany almaly?

$9 + 4 = \square$ $\square + 7 = 13$

4

$4 + 13 = \square$ $7 + 3 = \square$ $6 + 5 = \square$
 $8 + 8 = \square$ $9 + 9 = \square$



6-njy bap
8-nji ders

Sanlary onlukdan geçip
goşmak

1 Hasaplama nähili ýerine yetirilipdir?



$$\begin{array}{r} 4 \\ 4 \\ + 6 \\ \hline 14 \end{array}$$



$$\begin{array}{r} 4 \\ 4 \\ + 6 \\ \hline 14 \end{array}$$

$$\boxed{4} + \boxed{} = \boxed{10}$$

$$\boxed{4} + \boxed{4} = \boxed{}$$

$$\boxed{} + 4 = \boxed{14}$$

$$\boxed{} + 6 = \boxed{14}$$

2 Hasaplaýarys.

$$\begin{array}{r} 7 \\ 3 \\ + 3 \\ \hline 13 \end{array}$$

10

$$\begin{array}{r} 2 \\ 2 \\ + 8 \\ \hline \end{array}$$

□

$$\begin{array}{r} 4 \\ 3 \\ + 3 \\ \hline \end{array}$$

□

$$\begin{array}{r} 5 \\ 5 \\ + 4 \\ \hline \end{array}$$

□

3 Berlen sanlaryň goňşularyny aýdýarys.

□	15	□
□	19	□
□	11	□

□	14	□
□	17	□
□	13	□

□	12	□
□	16	□
□	18	□

4



$$11 + 4 = 15$$



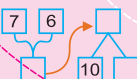
$$13 + 6 = \square$$



$$5 + 12 = \square$$



$$14 + 2 = \square$$



6-njy bap
9-njy ders

Sanlary onlukdan geçip
goşmak

1 Hasaplamlary düşündirýaris.

$7 + 7 = \square$

$4 + 4 + 6 = \square$

2 Hasaplaýarys.



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

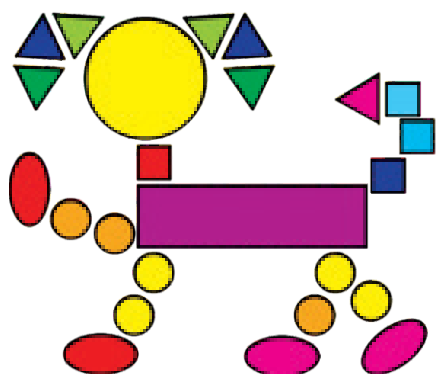
3

$10 + 4 = \square$

$\begin{array}{r} 10 \\ +4 \\ \hline \end{array}$

$10 + 4 = \underline{\quad}$

4 Suratda nähili şekiller bar?



- ? ta
- ? ta
- ? ta
- ? ta
- ? ta

5



$10 + 4 = \square$

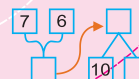
$12 + 1 = \square$

$10 + 3 = \square$

$14 - 4 = \square$

$11 - 1 = \square$

$13 - 3 = \square$



6-njy bap
10-njy ders

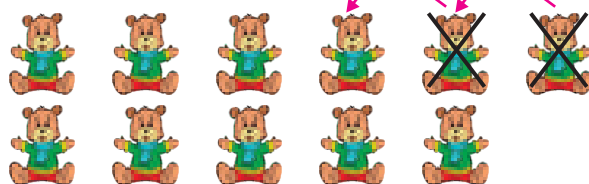
Sanlary onlukdan geçip
aýyrmak

1

$11 - 3 = 11 - 1 - 2 = 8$

$11 - 8 = 3$

2 Hasaplaýarys.



$11 - 2 = \square$



$11 - \square = 10$
 $\square - 1 = 9$

3 Aýyrmaga kömek edýän maglumatlary ýada salýarys.

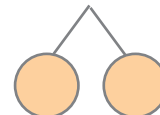
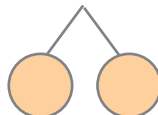
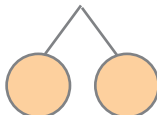


$11 - 6 = \underline{\quad ? \quad}$

$6 + \underline{5} = 11$

$11 - 6 = \underline{5}$

4 $11 - 7 = \square$ $11 - 8 = \square$ $11 - 9 = \square$



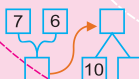
5 Haýsy jogap dogry?



5	7	9
- 3		

7	8	9
+ 2		


7	9	11
- 4		



6-ncy bap | Sanlary onlukdan geçip

11-nci ders | aýyrmak

1) Hasaplaýarys we usullary deñşdirýäris.

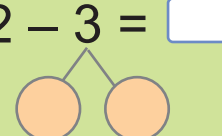


$12 - 3 = \square$ $10 - 3 = \square$

$\begin{matrix} 10 & 2 \\ \diagdown & / \\ & \end{matrix}$

$\square + \square = \square$

$12 - 3 = \square$

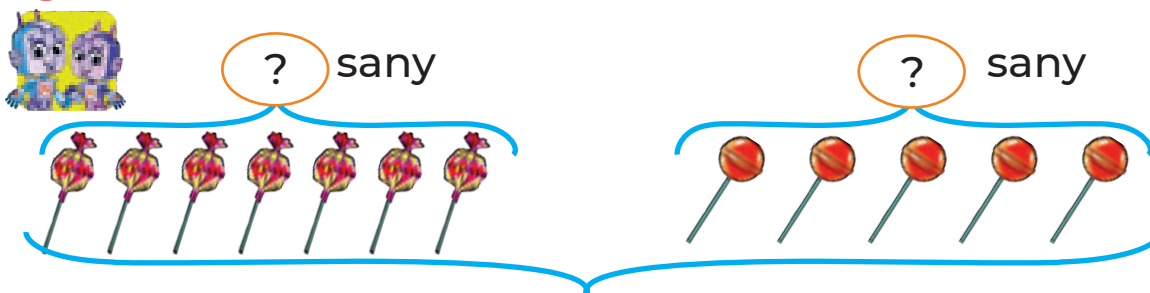


$12 - \square = 10$

$\square - 1 = \square$

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

2) Jemi konfetler näçe?



? sany ? sany

? sany

? sany köp. ? sany az.

$7 + \square = 12$

$7 - 5 = \square$

$\square - 7 = 5$

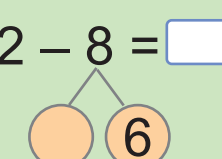
3) Hasaplaýarys.

$12 - 6 = \square$



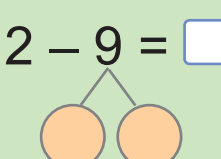
$6 + 6 = \square$

$12 - 8 = \square$




$8 + 6 = \square$

$12 - 9 = \square$




$9 + 3 = \square$

4)



$7 + 4 = \underline{\quad}$

$11 - 4 = \underline{\quad}$



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

$9 - 8 = \underline{\quad}$

6-njy bap
12-nji ders

Sanlary onlukdan ge'chir
ay'irmak



2 Hasaplayarys.

$13 - 5 = \square$ $10 - 5 = \square$

$10 + 3 = \square$

$13 - 5 = ?$

$13 - 3 = \square$ $10 - 2 = \square$

3

$13 - 4 = ?$

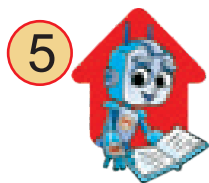
$13 - \square = 10$

$\square - 1 = \square$

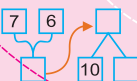
4 Netijeler namä deñ?

$13 - 6 = \square$ $13 - 8 = \square$ $13 - 9 = \square$

$8 + \square = 13$ $3 + \square = 12$



		$11 - 7$		
	$12 - 6$	$12 - 7$	$12 - 8$	
$13 - 5$	$13 - 6$	$13 - 7$	$12 - 4$	$11 - 3$
7	6	8	4	5



6-njy bap
13-nji ders

Sanlary onlukdan geçip
aýyrmak

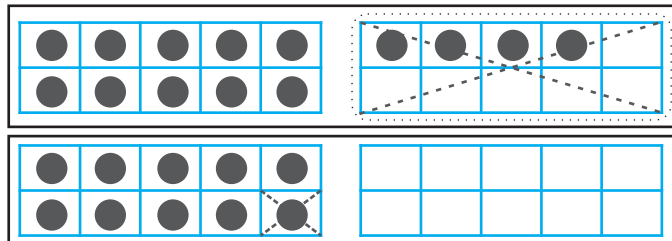
1 Surat esasynda hasaplamalary ýerine ýetirýäris.



$14 - 5 = ?$

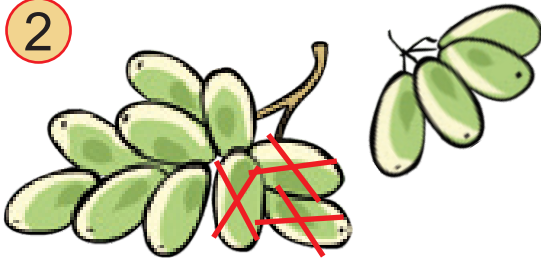
$14 - 4 = 10$

$10 - 1 = 9$



$14 - 5 = \underline{\quad}$

2



$14 - 7 = \square$

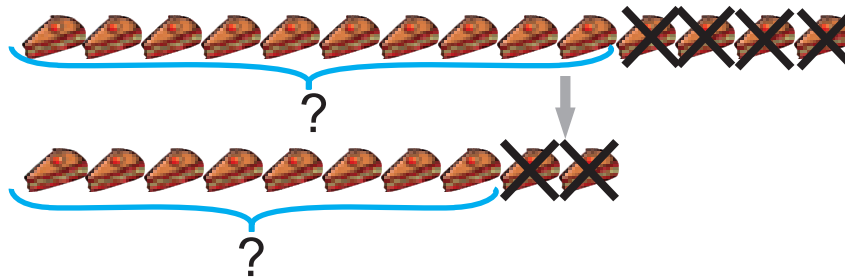
4 3

$14 - 4 = \square$

$\square - 3 = \square$

3

$14 - 6 = ?$



4

Hasaplaýarys.

$$\begin{array}{r} 14 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 2 \\ \hline \end{array}$$

5

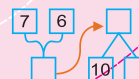


$$\begin{array}{r} 11 - 9 \\ 12 - 9 \\ ? \end{array}$$

$$\begin{array}{r} ? \\ 13 - 9 \\ 14 - 9 \end{array}$$

$$\begin{array}{r} 13 - 6 \\ 14 - 7 \\ ? \end{array}$$

$$\begin{array}{r} ? \\ 11 - 4 \\ 12 - 5 \end{array}$$



6-njy bap | Sanlary onlukdan geçip aýyrmak

1 Hasaplaýarys we usullary deňeşdirýäris.

$15 - 3 = ?$

$15 - 6 = \underline{\quad}$ $15 - 5 = \underline{\quad}$
 $10 - 1 = \underline{\quad}$
 $15 - 6 = ?$

2

? sany
 9 sany
 sany Haýsy mör-möjek köp? Näçe köp?

3

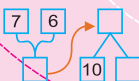
$2 + 5 = \underline{\quad}$

$15 - 8 = \underline{\quad}$

$10 - 8 = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

4 Dogry jogap haýsy?



6-nyj bap | Sanlary onlukdan geçip

15-nji ders | aýyrmak

1 Hasaplaýarys.



$$\begin{array}{r} 16 \\ - 4 \\ \hline \square \end{array}$$

$$16 - 9 = \underline{\quad} \quad 16 - \square = \underline{\quad} \quad | \quad 16 - 8 = ?$$

$$\begin{array}{l} \boxed{6} \quad \boxed{3} \\ 10 - \square = \underline{\quad} \end{array} \quad \begin{array}{l} 10 \quad \square \end{array}$$

2 Haýsy reňkdäki maşyn köp? Näçe köp?



3 Nusga esasynda hasaplaýarys.



$$16 - 7 = 9$$



$$16 - 7 = 9 \quad \text{ýa-da} \quad 16 - 7 = 9$$

$$\begin{array}{l} \boxed{10} \quad \boxed{6} \\ \boxed{6} \quad \boxed{1} \end{array}$$

$$13 - 6 = \square$$

$$14 - 8 = \square$$

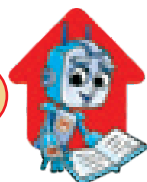
$$12 - 7 = \square$$

$$11 - 7 = \square$$

$$16 - 9 = \square$$

$$15 - 6 = \square$$

4



$$12 - 5 = \square$$

$$\begin{array}{l} \square \\ \swarrow \quad \searrow \\ 2 \quad 3 \end{array}$$

$$16 - 9 = \square$$

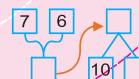
$$\begin{array}{l} \square \\ \swarrow \quad \searrow \\ 6 \quad 3 \end{array}$$

$$14 - 6 = \square$$

$$\begin{array}{l} \square \\ \swarrow \quad \searrow \\ 4 \quad 2 \end{array}$$

$$11 - 2 = \square$$

$$\begin{array}{l} \square \\ \swarrow \quad \searrow \\ 1 \quad 1 \end{array}$$

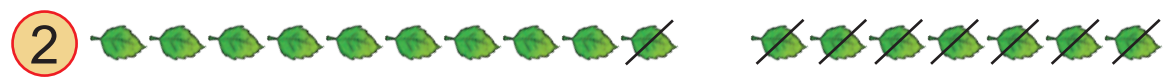


6-njy bap | Sanlary onlukdan geçip
16-njy ders | aýyrmak

1 Hasaplaýarys.



$17 - 6 = \square$ $7 - 6 = \square$ $\begin{array}{r} 17 \\ - 6 \\ \hline \square \end{array}$
 $10 + \square = \square$



2

$17 - 8 = \square$ $17 - 7 = \square$
 $\square - \square = \square$

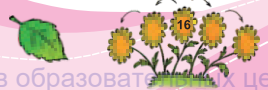
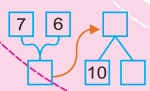
$17 - 3$ $12 - 7$ $14 - 9$ $15 - 6$

3 Wertolýotlar näçe?

→ 17 sany
 → ?, 9 sany az

4 Haýsy sanlar gizlenen?

5 Hasaplaýarys.



6-njy bap | Sanlary onlukdan geçip 17-nji ders | aýyrmak

1 Hasaplamalary ýerine ýetirýäris.



$$18 - 5 = \square$$



$$8 - 5 = \square$$

$$10 + \square = \square$$

$$\begin{array}{r} 15 \\ - 5 \\ \hline \square \end{array}$$

2

$$18 - 9 = 18 - 8 - 1 = \square \quad | \quad 17 - 9 = 17 - 7 - 2 = \square$$

$$\begin{array}{r} 13 - 5 \\ \swarrow \searrow \\ 3 \quad 2 \end{array}$$

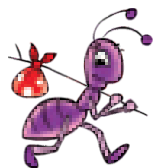
$$\begin{array}{r} 15 - 8 \\ \swarrow \searrow \\ 5 \quad 3 \end{array}$$

$$\begin{array}{r} 17 - 9 \\ \swarrow \searrow \\ 7 \quad 2 \end{array}$$

3 Kim çaltrak hasaplaýar?



→ 7



→ 9

? sany



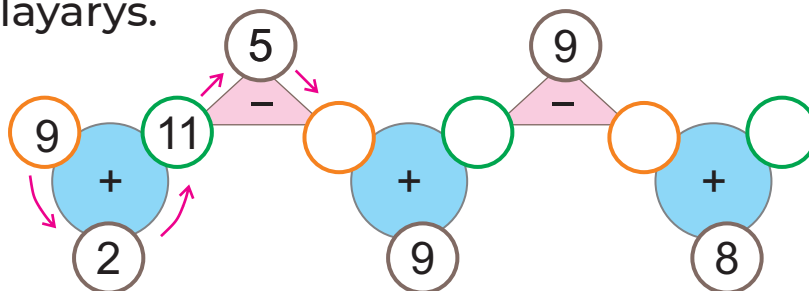
→ 9



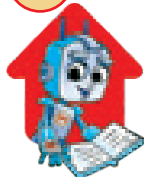
→ ?

18
sany

4 Hasaplaýarys.



5



$$18 - 4$$

$$16 - 8$$

$$12 - 6$$

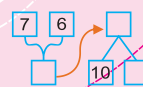
$$13 - 6$$

$$18 - 5$$

$$16 - 9$$

$$12 - 7$$

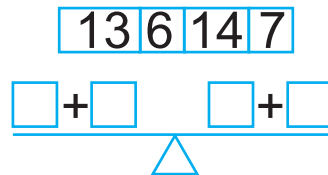
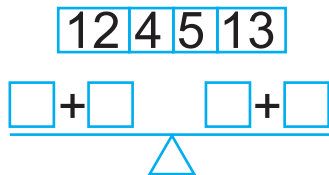
$$13 - 7$$



6-njy bap | Sanlary onlukdan ge'cip 18-nji ders | a'ylrmak



1



2 Nusga esasynda hasapla'yars.



$16 - 2 = \square$



$16 - 2 = 14$

$13 - 2 = \square$

$18 - 5 = \square$

$16 - 6 = \square$

$17 - 7 = \square$

$15 - 4 = \square$

$19 - 7 = \square$

3 Ha'ysy jogap dogry?

$17 - 8$

7 8 9

$9 + 8$

17 18 16

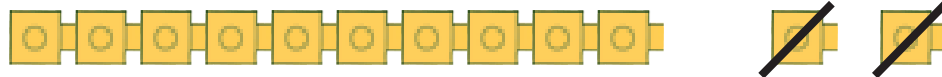
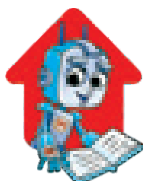


4

2	3	1
?	2	3
?	?	2

Bo'sh go'zenekleri
doldur'yars.

5



$12 - 2 = 10$

$14 - 1 = \square$

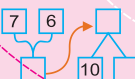
$17 - 3 = \square$

$19 - 10 = \square$

$15 - 4 = \square$

$18 - 9 = \square$

$17 - 9 = \square$



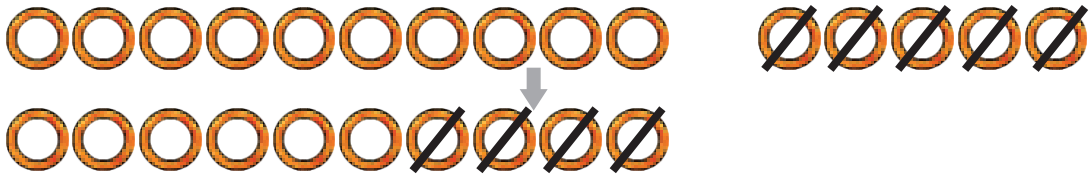
6-njy bap
19-njy ders

Sanlary onlukdan geçip
aýyrmak

1 Hasaplaýarys.

$11 - 4 = \square$

2



$15 - 9 = \square$

5 4

$15 - 5 = \square$

$10 - 4 = \square$

$15 - 9 = \square$

10 ○

3 Hasaplaýarys.

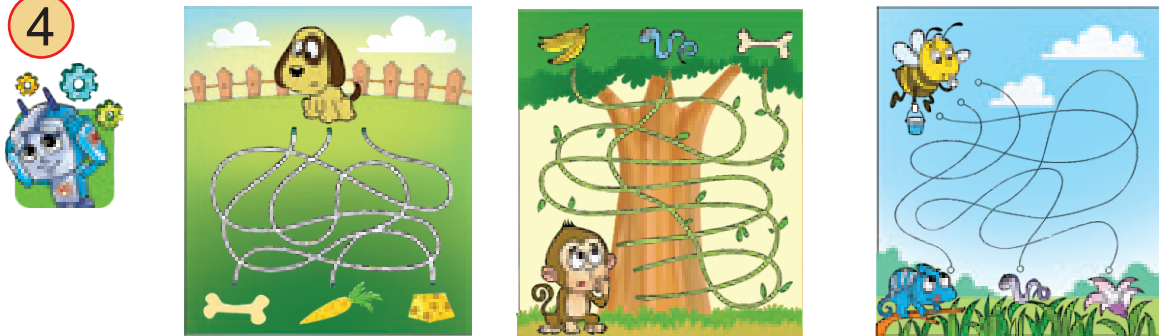
10 - 6 = □

□ + 5 = □

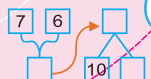
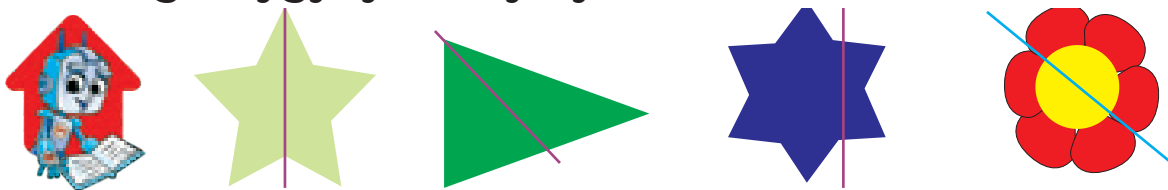
□ + 3 = □

□ - 4 = □

4

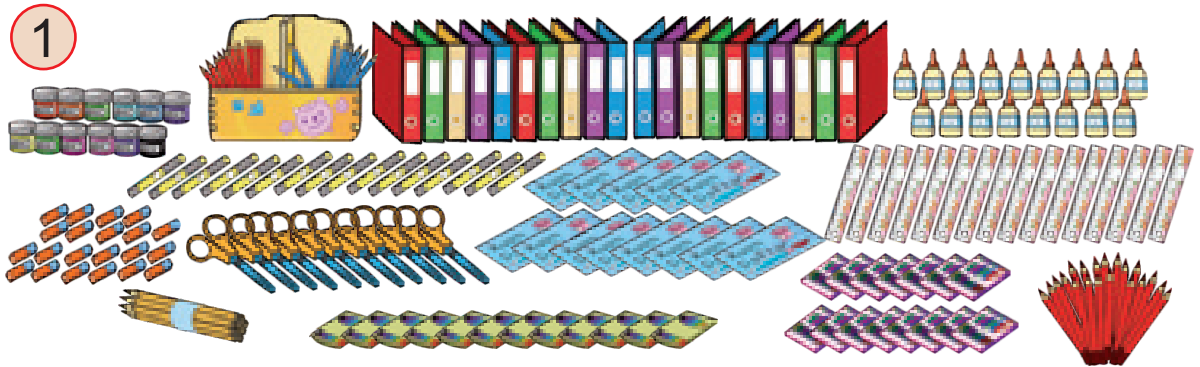


5 Eplemek arkaly simmetriya okunyň dogrudygyny barlaýarys.



7-nji bap | 20 IÇINDE GOŞMAK WE AÝYRMAK

1-nji ders | Goşmak we aýyrmak jedwelleri



2) Goşmak jedweli

+	0	1	2	3	4	5	6	7	8	9	10
0	0	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10	11
2	2	3	4	5	6	7	8	9	10	11	12
3	3	4	5	6	7	8	9	10	11	12	13
4	4	5	6	7	8	9	10	11	12	13	14
5	5	6	7	8	9	10	11	12	13	14	15
6	6	7	8	9	10	11	12	13	14	15	16
7	7	8	9	10	11	12	13	14	15	16	17
8	8	9	10	11	12	13	14	15	16	17	18
9	9	10	11	12	13	14	15	16	17	18	19
10	10	11	12	13	14	15	16	17	18	19	20

9

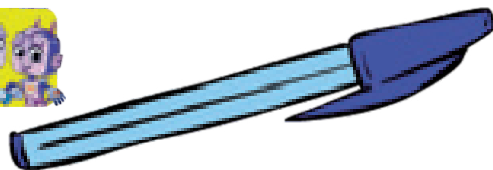
2 + 9 = 11

3+5= 4+4=

6+7= 9+8=

8+5= 7+7=

3)



1-nji gün satyldy – 11 } ?
 2-nji gün satyldy – 8 } sany

4) Hasaplaýarys.



$4 + 8 = \square$ $9 + 5 = \square$ $6 + 7 = \square$
 $7 + 6 = \square$ $8 + 7 = \square$ $5 + 9 = \square$

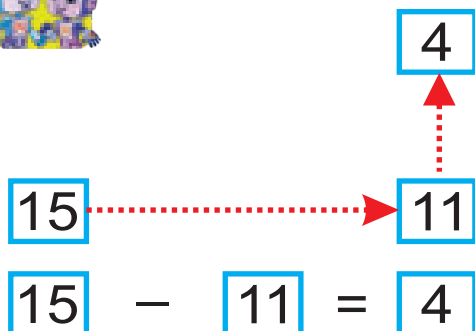
7-nji bap
2-nji ders

Goʻsmak we aʻyrmak jedwelleri

1 Hasaplaʻarys.



Aʻyrmak jedweli



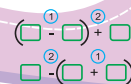
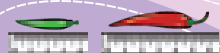
-	10	9	8	7	6	5	4	3	2	1	0
20	10	11	12	13	14	15	16	17	18	19	20
19	9	10	11	12	13	14	15	16	17	18	19
18	8	9	10	11	12	13	14	15	16	17	18
17	7	8	9	10	11	12	13	14	15	16	17
16	6	7	8	9	10	11	12	13	14	15	16
15	5	6	7	8	9	10	11	12	13	14	15
14	4	5	6	7	8	9	10	11	12	13	14
13	3	4	5	6	7	8	9	10	11	12	13
12	2	3	4	5	6	7	8	9	10	11	12
11	1	2	3	4	5	6	7	8	9	10	11
10	0	1	2	3	4	5	6	7	8	9	10

$13 - 10 =$ $18 - 14 =$
 $19 - 7 =$ $15 - 0 =$
 $9 - 3 =$ $7 - 6 =$

2 Döwranyň galamlary näçe?

3 Jemi şekiller näçe?

4



7-nji bap
3-nji ders

Jemi we tapawutlary
deňeşdirmek

1 Netijeleri deňeşdirýäris.

$$6 - 3 > 6 - 4 \quad | \quad 11 + 7 \quad \bullet \quad 11 + 8 \quad | \quad 9 - 5 \quad \bullet \quad 10 - 5$$

$3 > 2$
 ●
 ●

2 Jemleriň haýsysy uly?

$8 \text{ sany} + 5 \text{ sany} = ? \text{ sany}$
 $9 \text{ sany} + 3 \text{ sany} = ? \text{ sany}$

3 Deňeşdirýäris.

12
 14

4 $>$, $<$, $=$ belgilerini goýýarys.



$12 - 3 \quad \square \quad 5 + 9$

$5 + 7 \quad \square \quad 9 + 3$

$9 - 0 \quad \square \quad 11 - 2$

$4 + 7 \quad \square \quad 11 - 2$

7-nji bap
4-nji ders

Ўаýлар

1



Ўаýлар –
matematiki belgi.
Ўаýýň içinde berlen
amallar ilki ýerine
ýetirilýär.

Amallaryň tertibi

$$\overset{1}{(\square - \square)} + \overset{2}{\square}$$

$$\overset{2}{\square} - (\overset{1}{\square} + \square)$$

2 Hasaplaýarys.

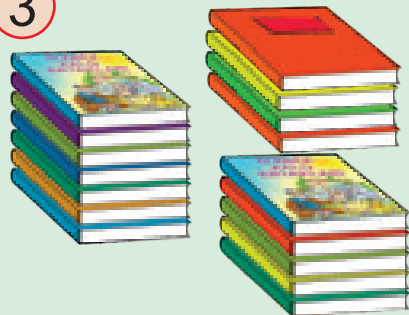
$$(3 + 2) + 8 = \square$$

Diagram showing the calculation process: a box under (3+2) has an arrow pointing to the result box, and a box under 8 has an arrow pointing to the same result box.

$$3 + (2 + 8) = \square$$

Diagram showing the calculation process: a box under (2+8) has an arrow pointing to the result box, and a box under 3 has an arrow pointing to the same result box.

3



Getirildi – 7 erteki we 4 hekaýa kitaby

Satyldy – \square sany

Galdy – ? sany

$$(\square + \square) - \square =$$

4 Hasaplaýarys.

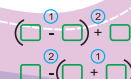
$$5 + \underbrace{(7 + 3)}_{10} = \square$$

$$(6 + 4) + 8 =$$


5



$$(9 + 1) + 2 \quad 0 + (8 + 8) \quad 10 + (3 + 0)$$



7-nji bap | **Ўаýлар**
5-nji ders

1  $10 - (6 + 3)$

2 1
 $(10 - 6) + 3$

$$10 - (6 + 3) = \boxed{1}$$

$$(10 - 6) + 3 = \boxed{}$$

2 Hasaplaýarys.



$$(4 + 6) + 2 = \boxed{}$$


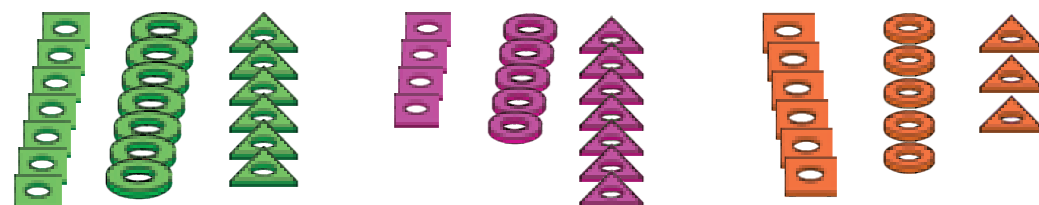
$$10 + (4 - 1)$$




3 Haýsysy $4 + 9$ -uň jemini aňladýar?



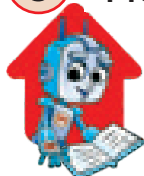
$$\boxed{3 + 1 + 9}$$

$$\boxed{3 + 2 + 9}$$

4  

	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>
	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>	=	<input type="text"/>

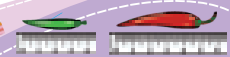
5 Hasaplaýarys.



$$(17 + 3) - 10 \quad 10 + (9 - 5) \quad 15 - (8 + 2)$$



$$\begin{matrix} 1 & 2 \\ \text{---} & \text{---} \\ + & + \\ \hline 2 & 1 \\ \text{---} & \text{---} \\ - & - \\ \hline \end{matrix}$$



7-nji bap
6-njy ders

Ўаýлар

1 Netijeleri deňeşdirýäris.



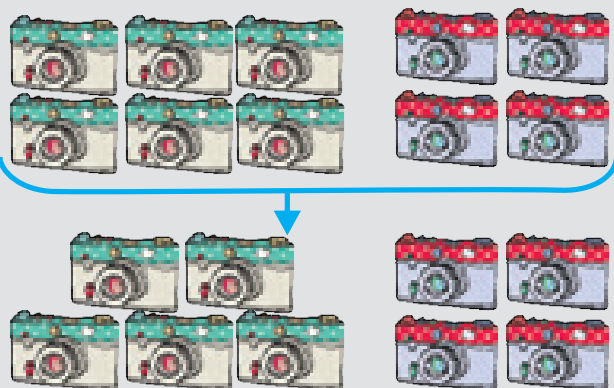
$$10 - 7 - 2 = \square \quad | \quad 10 - (7 - 2) = \square$$

$\underbrace{\hspace{10em}}$
 $\underbrace{\hspace{10em}}$

2 Hasaplaýarys.



3 Näçe fotoapparat galdy?



$$(6 + 4) - 9 = \square$$

$\underbrace{\hspace{10em}}$
 $\underbrace{\hspace{10em}}$

4



1	3	4	5	6	7

$$\text{Red circle} + \text{Blue triangle} + \text{Green square} = ? \quad \text{Blue triangle} + \text{Orange trapezoid} + \text{Orange trapezoid} = ?$$

$$\text{Blue triangle} + \text{Green diamond} + \text{Red circle} = ?$$

5



$16 - 13 - 1$

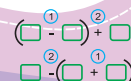
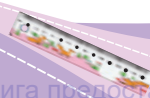
$18 - 2 + 3$

$14 + 6 - 0$

$16 - (13 - 1)$

$18 - (2 + 3)$

$14 + (6 - 0)$



7-nji bap
7-nji ders

Ўаýлар



1

$$14 - 7 = (14 - 4) - 3 = ?$$

$$14 - (4 + 3) = ?$$

Kim çalasyn?

2 Hasaplaýarys.



$$\begin{array}{r} 10 \\ +10 \\ \hline \square \end{array}$$

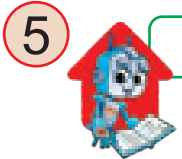
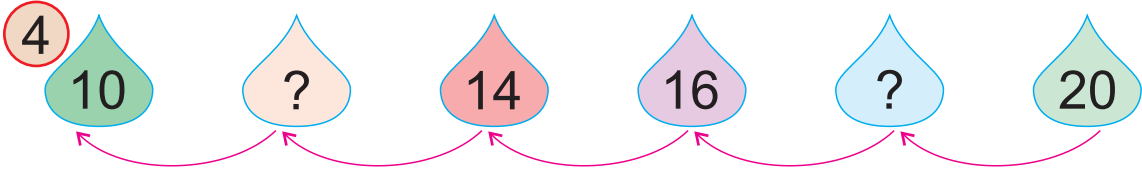
$$\begin{array}{r} 0 \\ +20 \\ \hline \square \end{array}$$

$$\begin{array}{r} 16 \\ - 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 12 \\ - 0 \\ \hline \square \end{array}$$

3			
Miweler			
Sany	11 sany	7 sany	5 sany

- Almalar we bananlar → ? sany
- Bananlar we şetdalylar → ? sany
- Almalar we şetdalylar → ? sany



$$18 - 5 - 3$$

$$11 + 5 - 5$$

$$9 + 5 - 13$$

$$20 - 5 + 5$$

7-nji bap
8-nji ders

Sanly aňlatmalar

1



$$\boxed{7} + \boxed{5} = \boxed{12}$$

$$\boxed{17} - \boxed{7} = \boxed{10}$$

Sanly aňlatma

bahasy

2 Bahalary tapýarys.



$$5 + \overset{1}{2} - \overset{2}{3} = \square - 3 = \square$$

$$5 - \overset{1}{2} + \overset{2}{3} = \square + 3 = \square$$

3 Bakja ekinleri näçe?

Kädiler						
Jöwenler						
Garpyzlar						

Garpyzlar kädilerden näçe köp?

Kädiler jöwenlerden näçe az?

4



1	3	4	5	6	7	8

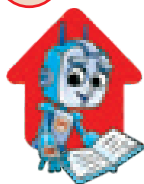
$$\text{pentagon} + \text{triangle} + \text{triangle} = ?$$

$$\text{trapezoid} + \text{diamond} + \text{square} = ?$$

$$\text{triangle} + \text{diamond} + \text{circle} = ?$$

$$\text{square} + \text{circle} + \text{pentagon} = ?$$

5 Hasaplaýarys.

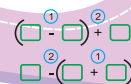
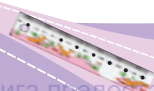


$$16 \overset{1}{-} 4 \overset{2}{-} 10$$

$$6 \overset{1}{+} 9 \overset{2}{+} 5$$

$$8 \overset{1}{+} 9 \overset{2}{-} 7$$

$$12 \overset{1}{-} 4 \overset{2}{+} 7$$



7-nji bap
9-njy ders

Sanly aňlatmalar

1 Aňlatmalaryň çözülişini düşündirýäris.



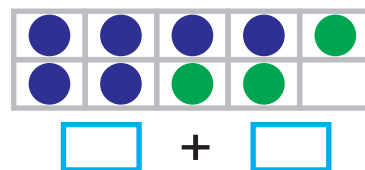
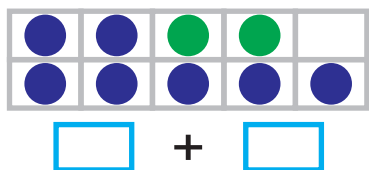
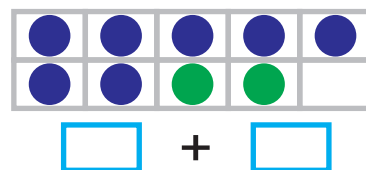
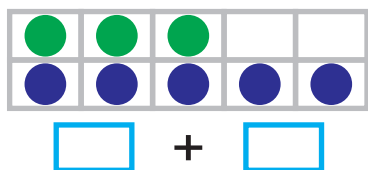
$$7 \overset{①}{+} 5 \overset{②}{-} 8 = ? \quad 19 \overset{①}{-} 7 \overset{②}{+} 7 = ?$$

$$(6 \overset{①}{+} 5) \overset{②}{-} 9 = ? \quad 14 \overset{②}{+} (9 \overset{①}{-} 7) = ?$$

2 Hasaplaýarys.

$$4 + 4 + 9 \quad (6 + 9) - 9 \quad 6 + 4 + 2$$

3 Deňeşdirýäris.



4 Haýsy aňlatmanyň bahasy 14-e deň?

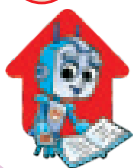
$$8 + 5$$

$$9 + 4$$

$$9 + 5$$

$$5 + 10$$

5



$$17 \overset{②}{-} (5 \overset{①}{+} 4)$$

$$(4 \overset{①}{+} 11) \overset{②}{-} 6$$

$$15 \overset{①}{-} 7 \overset{②}{+} 8$$

7-nji bap | Uzynlyk we onuň ölçeg birligi – santimetr

10-njy ders

1 Santimetr – uzynlyk ölçeg birligi.

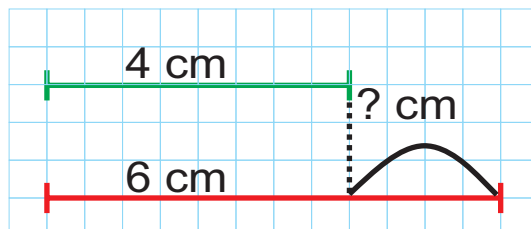
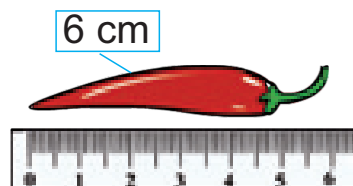


2 Her bir legonyň uzynlygy näçe santimetr?

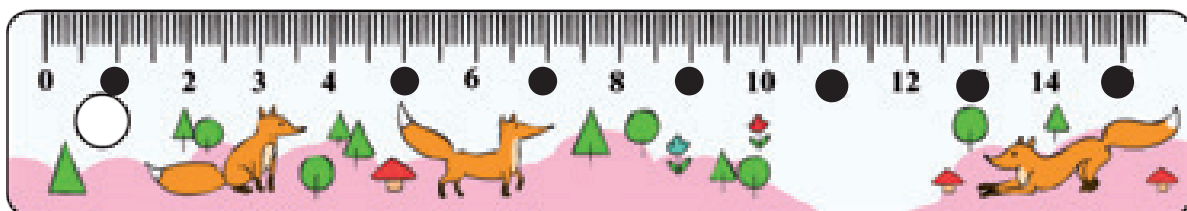


Legolar hatarynyň uzynlygy näçe?

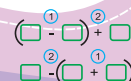
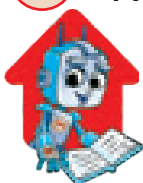
3 Haýsısy uzynrak? Näçe santimetre?



4 Çyzgyçdaky haýsy sanlar gizlenen?

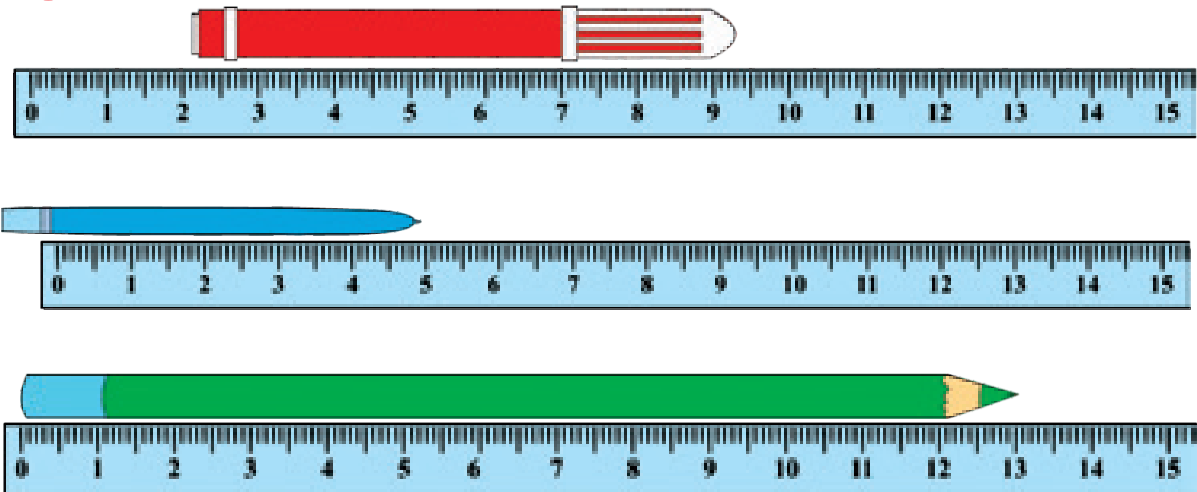


5 Ruçkamyzyň, galamyzyň, bozgujymyzyň, diş çotkamyzyň uzynlygyny çyzgyjyň kömeginde ölçeyäris we netijäni ýazýarys.

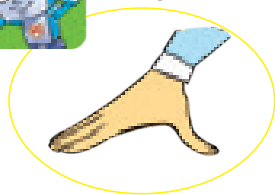


7-nji bap | **Çyzgyç bilen işlemek**
11-nji ders

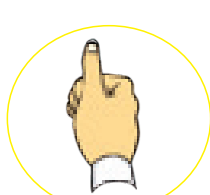
1 Ölçegleriň haýsysy dogry?



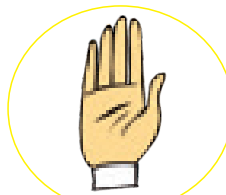
2 Garyşymyzyň, barmagymyzyň, aýamyzyň we bilegimiziň uzynlygyny çyzgyjyň kömeginde ölçeyäris.



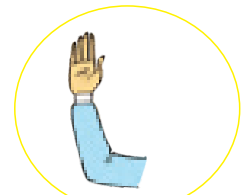
cm



cm

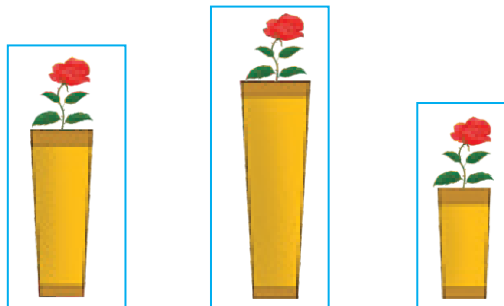


cm



cm

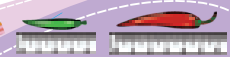
3 Güldanlaryň uzynlygyny deňeşdirýäris.



4 Çyzgyjyň kömeginde 3 cm-e, 5 cm-e we 6 cm-e deň kesimleri gurýarys.



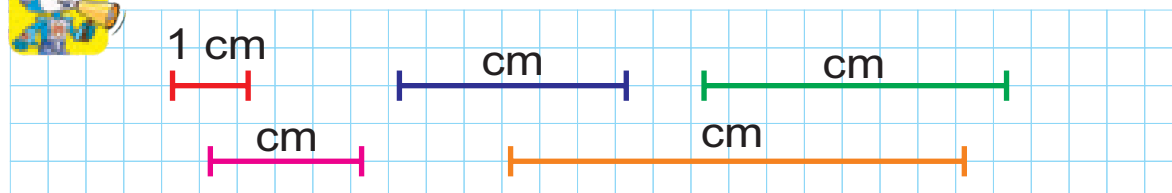
$$\begin{matrix} 1 & 2 \\ \square & - \square \\ + & + \\ \hline 2 & - \\ \square & - (\square + \square) \end{matrix}$$



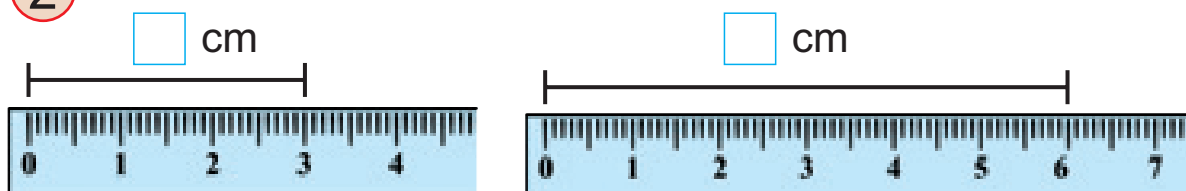
7-nji bap | Kesimiň uzynlygyny deňeşdirmek

12-nji ders

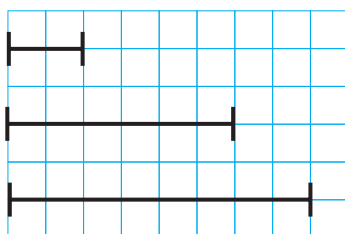
1 Her bir kesim näçe gözenegiň uzynlygyna deň?



2 Ikinji kesim näçe santimetre uzyn?

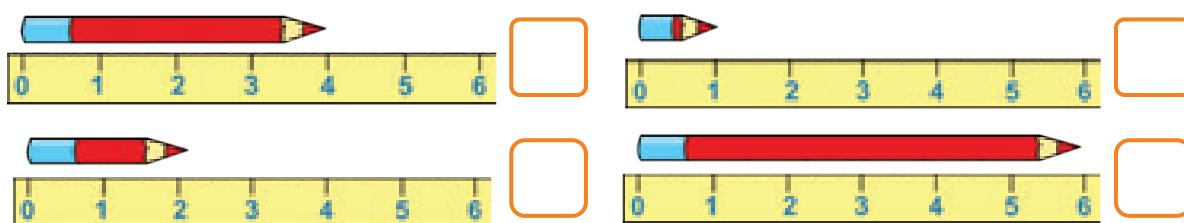


3 Çyzgyjyň kömeginde ölçeyäris.



Iň gysga we iň uzyn bolmadyk kesim näçe santimetr?

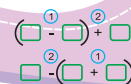
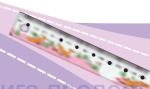
4 Galamlaryň uzynlygyny kemelýän tertipde ýazýarys.



5 Berlen uzynlykdaky kesimleri çyzgyjyň kömeginde gurýarys.



1 cm
5 cm
10 cm



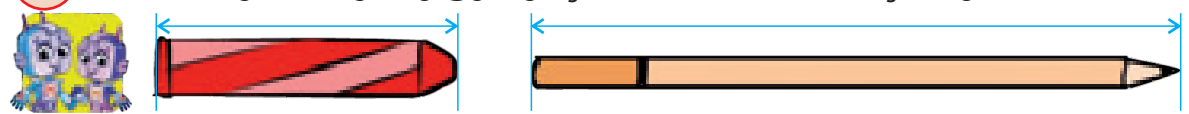
7-nji bap
13-nji ders

Kesimiň uzynlygyny deňeşdirmek

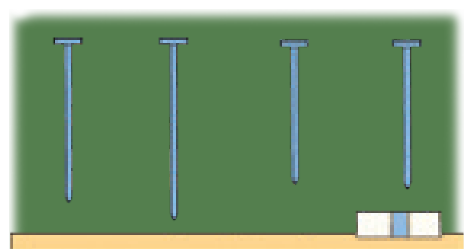
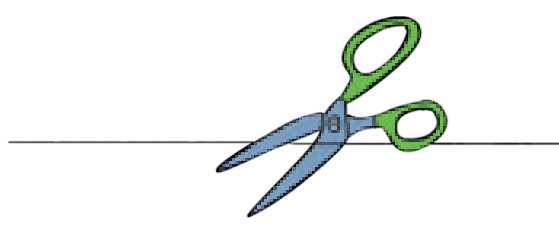
1 Göz çeni bilen, telefonlaryň uzynlygyny aýdýarys.



2 Zatlaryň uzynlygyny çen bilen deňeşdirýäris.



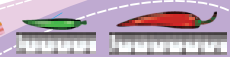
3 Kesimi kim nähili gurýar?



4 Uzynlygy 1 cm-e, 2 cm-e, 4 cm-e deň kesimleri gurýarys.

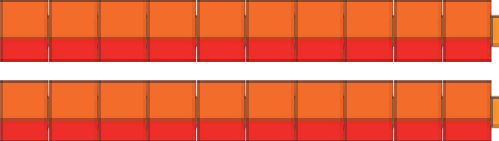


$$\begin{matrix} 1 & 2 \\ \square & - \square & + \square \\ 2 & - & + \\ \square & - & + \end{matrix}$$

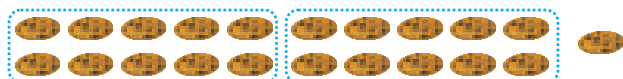


8-nji bap
1-nji ders

21-DEN 100-E ÇENLI BOLAN
SANLAR

1 2 onluk = 20  10
10


2 21 sany nähili emele geldi?

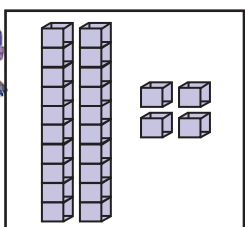
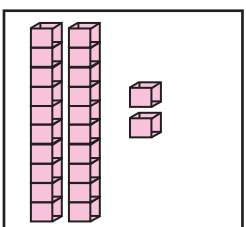
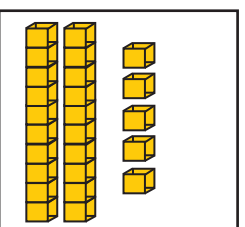
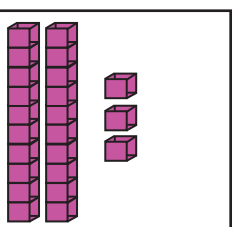
 10 10 1

21 = 2 onluk + 1 birlik
10 + 10 + 1 = 21

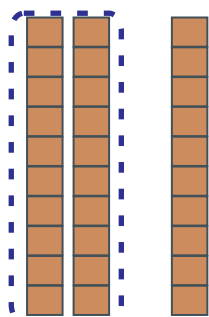
10 we 1

3 Haýsy jogap dogry?



			
24 42 14	21 22 12	23 21 25	23 21 33

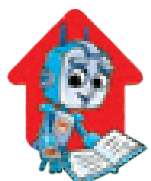
4 Näçe onluk emele geldi?



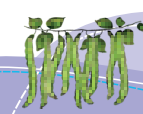
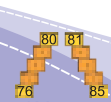
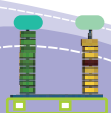
20 10

30 = onluk + onluk

5 Boş gözeneklere degişli sanlary ýazýarys.



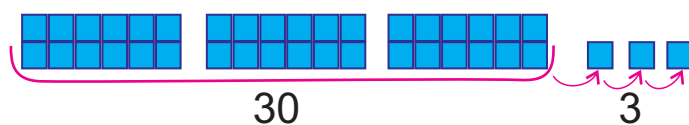
10	<input type="text"/>	30	10	12	<input type="text"/>
15	<input type="text"/>	25	30	<input type="text"/>	10



8-nji bap
2-nji ders

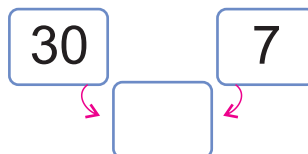
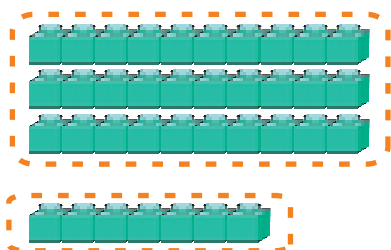
21-den 100-e çenli bolan sanlar

1 Şekilleriň sanyny sanaýarys we ýazýarys.



onluk + birlik =

2 Näçe onluk emele geldi?



3 onluk + 7 birlik =

3 Deňşdirme nähili ýerine ýetirilipdir?

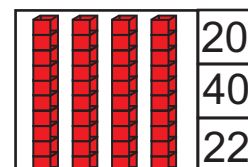
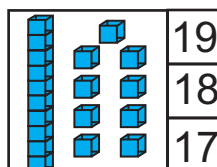
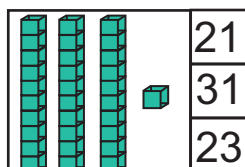
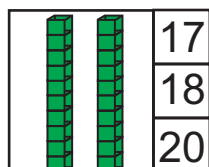


21 35

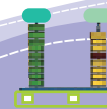
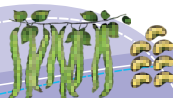
26 33

28 36

4 Haýsy jogap dogry?



5 Boş gözeneklere degişli sanlary ýazýarys.



8-nji bap
3-nji ders

21-den 100-e çenli bolan sanlar

1 43 sany nädip alyndy?

onluk + birlik =

2 Näçe onluk emele geldi?

'."/>

40 8

onluk + 8 birlik =

3 Deňeşdirýaris.

36 45 46 33 38 46

43 34

4 Degiřiligi tapýarys.

50

20

40

5 Sanlary artýan tertipde ýazýarys.

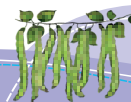


21, 28, 38, 34, 30

31, 28, 22, 37, 32



80 81
76 85



2 6 2 1



8-nji bap | 21-den 100-e çenli bolan sanlar

4-nji ders

1 Şarjagazlaryň sanyny sanaýarys we ýazýarys.

onluk	birlik	
5	4	

2 Boş gözeneklerde nähili sanlar bolmaly?

Group 1: 5 blue blocks, 2 red blocks →

Group 2: 5 blue blocks, 3 red blocks →

Group 3: 6 blue blocks →

3 Deňeşdirýäris.

25 32

48 54 39 57 59 46

4 10-dan 30-a çenli bolan sanlar haýsý?

Box 1: 2 tens, 3 ones =

Box 2: 1 ten, 4 ones =

Box 3: 3 tens, 1 one =

Box 4: 2 tens, 1 one =

Box 5: 2 tens, 4 ones =

5 Boş gözenekleri doldurýarys.

21				25		28		30
	32		34		37			
		43			46		49	

8-nji bap | 21-den 100-e çenli bolan sanlar

5-nji ders

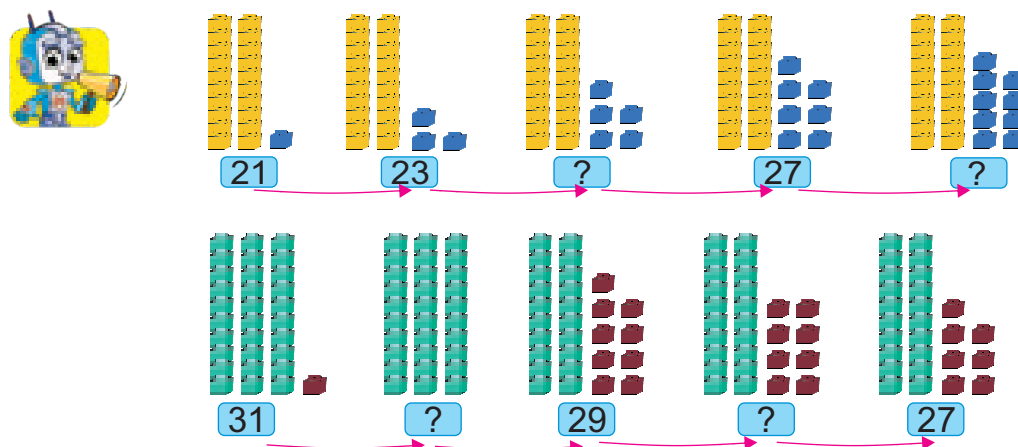
1 Flomasterler näçe sany?



sanyny sanlar şöhlesinde görkezýäris.



2 Indiki san haýsy?



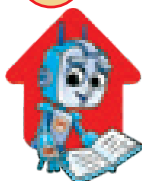
3 Boş gözenege haýsy sanlar gabat gelyär?



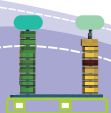
69 24 57 43

< <

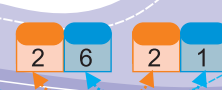
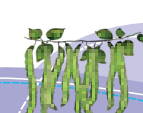
4 Sanlar yzygiderligini doldurýarys.



5 — 10 — 15 — — 25 — — — 40



119



8-nji bap | 21-den 100-e çenli bolan sanlar

6-njy ders

1 79 sanynda näçe onluk we näçe birlik bar?

79

70 9

onluk + birlik

2 Değişli sanlary ýazýarys we deňeşdirýaris.

○ ○

3 Sanaýarys we ýazýarys.

4 Haýsy sanlar düşüp galypdyr?

76 ○ 78 79 ○ 81

87 ○ 89 ○ ○

5 Iň uly sanda näçe birlik bar?

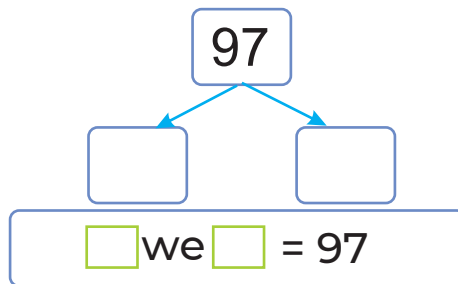
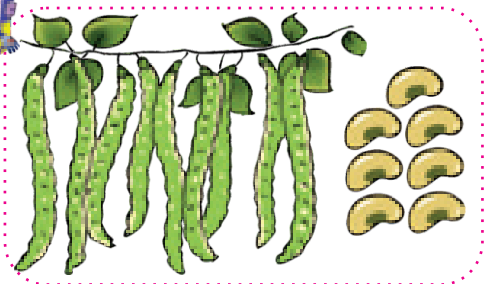
$□□□□ = □$ $□□□□□ = □$ $□□□□□□ = □$

$□□□□□□□□ = □$ $□□□□□□□□□□ = □$ $□□□□□□□□□□□□ = □$

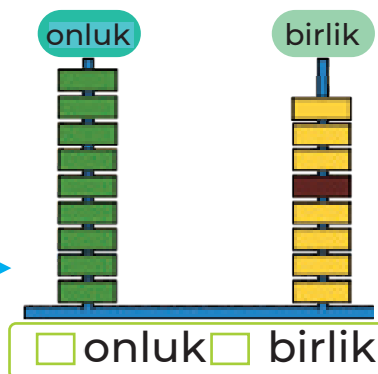
8-nji bap | 21-den 100-e çenli bolan sanlar

7-nji ders

1 97 sanynda näçe onluk we näçe birlik bar?



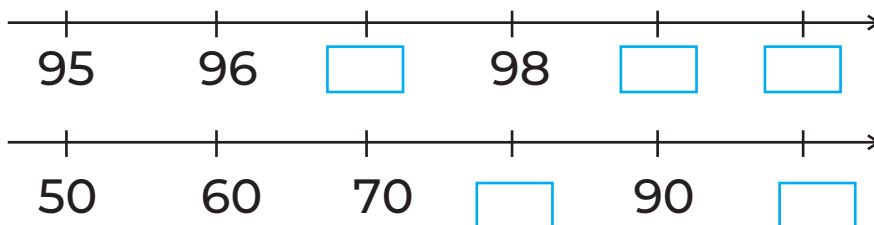
2 Haýsy san emele geldi?
Bu sany sanlar
şöhlesinde görkezýäris.



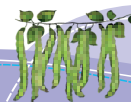
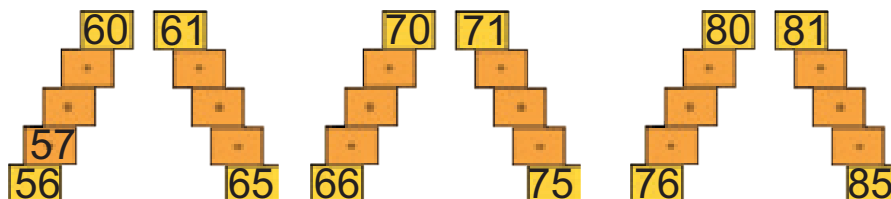
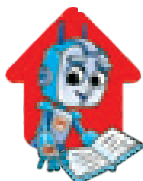
3 5-den başlap 50-ä çenli baş-başden sanaýarys.
10-dan başlap 100-e çenli on-ondan sanaýarys.



4 Haýsy sanlar düşüp galypdyr?



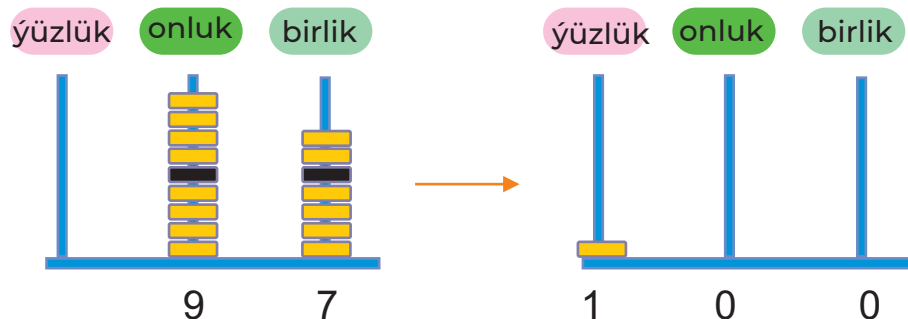
5 Sanlar zygiderligini ýazýarys.



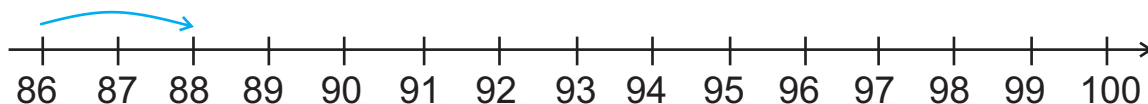
8-nji bap | 21-den 100-e çenli bolan sanlar

8-nji ders

1 Näge birlik goşuldy?



2 Sanlar şöhlesiniň kömeginde iki-ikiden sanaýarys.
+2



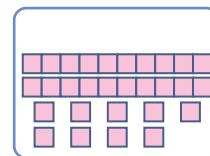
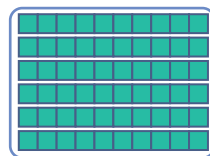
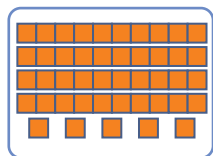
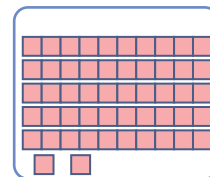
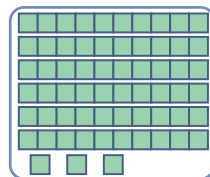
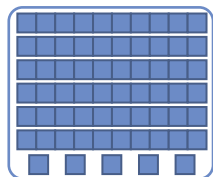
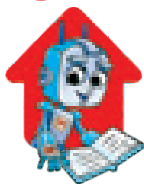
3 85-den 100-e çenli täk sanlary sanaýarys.
100-den 10-a çenli on-ondan ters sanaýarys.



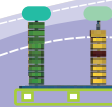
4



5 Sanlary artýan tertipde ýazýarys.





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9-njy bap | 100 IÇINDE GOŞMAK WE AÝYRMAK

1-nji ders

1  

sany onluk = 100

2 Hasaplayarys.



10-y goşarys	
15	<input type="text"/>
45	55
59	<input type="text"/>
8	<input type="text"/>

10-y aýyryarys	
53	<input type="text"/>
51	<input type="text"/>
97	87
29	<input type="text"/>

3 Teñneleriň kömeginde nähili aňlatmalary düzmek mümkin?

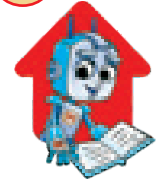
+ =    - =

4 Haýsy sanlar düşüp galypdyr?

90 60 50 20 10

10 20 30 50 80

5 Sanlar hataryny ýazarys.



15, 25, 35, 45, _____, _____, _____, _____, _____.

48, 58, 68, _____, _____, _____.

36, 46, _____, _____, _____, _____, _____.



9-njy bap | 100 ichinde goşmak we aýyrmak

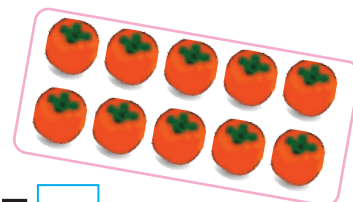
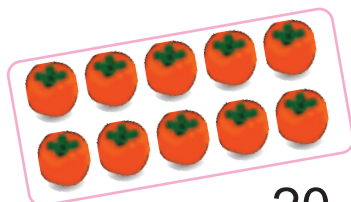
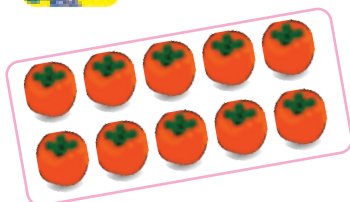
2-nji ders

1



$$\begin{array}{ccc} 20 + 30 = 50 \\ \text{onluk} \quad \text{onluk} \quad \text{onluk} \\ 2 + 3 = 5 \end{array}$$

$$\begin{array}{ccc} 60 + 40 = 100 \\ \text{onluk} \quad \text{onluk} \quad \text{onluk} \\ ? + ? = ? \end{array}$$



$$20 + \square = \square$$

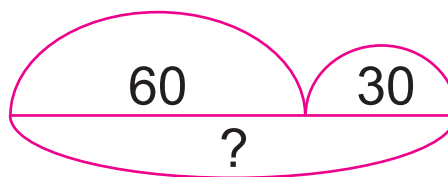
2 Kim çalt hasaplaýar?

$40 + 40$?	$30 + 20$ 50	$10 + 90$ ○	$30 + 30$ ○
$70 + 20$ ○	$80 + 10$ ○	$50 + 40$ ○	$60 + 20$ ○

3



$$60 + 30 = ?$$



$$\begin{array}{r} 30 \\ + 60 \\ \hline \square \end{array}$$

4 Haýsy jemleriň bahalary deň?

$20 + 20$	$30 + 40$	$10 + 70$
$60 + 10$	$10 + 30$	$50 + 30$

5 Hasaplaýarys.

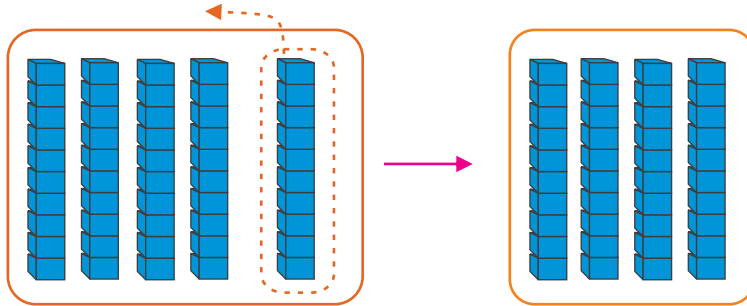


$\begin{array}{r} 10 \\ + 80 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ + 40 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ + 30 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ + 20 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ + 30 \\ \hline \end{array}$
---	---	---	---	---

9-njy bap | 100 içinde goşmak we aýyrmak

3-nji ders

1 5 onluk – 1 onluk = 4 onluk



$$\begin{array}{r} 50 \\ - 10 \\ \hline 40 \end{array}$$

2 Kim çalt we dogry hasaplaýar?

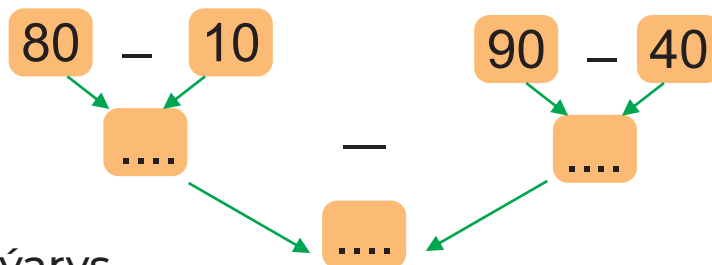
60	80	90	70	40
$- 10$	$- 50$	$- 60$	$- 30$	$- 20$
.....

80 – 40 = ... 70 – 10 = ... 50 – 30 = ... 60 – 20 = ...

3 Çyzgy esasynda amallary ýerine ýetirýäris.



4



5 Hasaplaýarys.



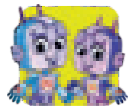
$$\begin{array}{l} 70 - 40 = \underline{\quad} \\ 50 - 20 = \underline{\quad} \end{array}$$

$$\begin{array}{l} 90 - 50 = \underline{\quad} \\ 80 - 70 = \underline{\quad} \end{array}$$

9-njy bap
4-nji ders

100 ichinde goşmak we aýyrmak

1 Hasaplamalar nähili yerine yetirilipdir?



10 sany köp

12 22 32

12 + 20 =

10 sany az

16 26 36

36 - 20 =



12 + 20 = 32

10 0

10 + 20 = ?

30 + 2 = ?

36 - 20 = 16

30 6

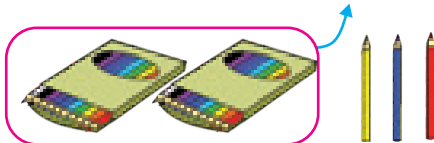
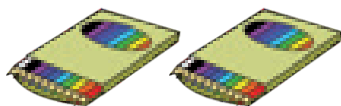
30 - 20 = ?

6 + 10 = ?

2 Hasaplaýarys.

18	35	14	75	27	90
+ 30	- 20	+ 20	- 20	- 10	- 30

3 Näçe galam galdy?



- =

Fatima Bunyat Imran Rabiya

4 Sanlaryň jemi kimde iň uly?



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5 Hasaplaýarys.

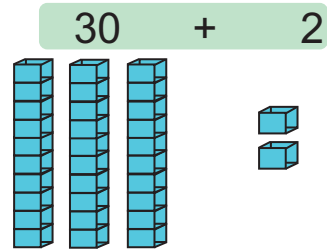
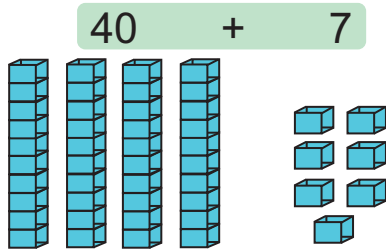


35 - 30	30 + 32	93 - 20
90 - 20	99 - 30	64 + 20

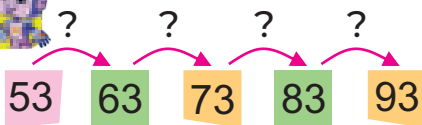
9-njy bap | 100 içinde goşmak we aýyrmak

5-nji ders

1 Jemler nämä deň?



2 Hasaplamlary nähili ýerine ýetirýäris?

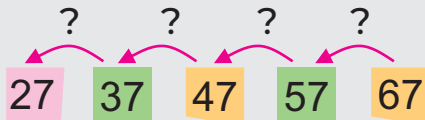


$53 + 40 = \square$



$53 + 40 = ?$

$50 + 40 = ?$
 $3 + 90 = ?$



$67 - 40 = ?$

3 Değişli bahalary tapýarys.



$80 + 9$

$50 + 5$

$50 + 8 + 9$

$70 + 8$

$22 + 8 + 7$

4



$$\begin{array}{r} 20 \\ + 66 \\ \hline \square \\ \square \end{array}$$

$$\begin{array}{r} 94 \\ - 0 \\ \hline \square \\ \square \end{array}$$

$$\begin{array}{r} 68 \\ + 20 \\ \hline \square \\ \square \end{array}$$

$$\begin{array}{r} 33 \\ - 0 \\ \hline \square \\ \square \end{array}$$

$$\begin{array}{r} 34 \\ + 50 \\ \hline \square \\ \square \end{array}$$

$$\begin{array}{r} 68 \\ - 0 \\ \hline \square \\ \square \end{array}$$

9-njy bap | 6-njy ders | 100 içinde goşmak we aýyrmak

1 Jem nämä deň?

66 → 67 → 68 → 69

$66 + 3 = ?$
 $60 + 6 + 3 = ?$
 $60 + 9 = ?$

2 $26 + 4 = ?$ $32 + 20 = ?$ $44 + 4 = ?$ $74 + 3 = ?$

3 Hasaplamalar nähili ýerine ýetirilipdir?

onluk

birlik

onluk	birlik
3	3
+	4
3	7

$33 + 4 = ?$

+ 4

4 Sanly aňlatmalary düzýaris we çözüaris.

$53 + 4 = \square$

$\square + \square = \square$

$\square + \square = \square$

5

$$\begin{array}{r} 67 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 30 \\ \hline \end{array}$$

9-njy bap | 7-nji ders | 100 içinde goşmak we aýyrmak

1 Hasaplamalar nähili ýerine ýetirilipdir?

30

31 32 33 34 35

10 10 10

onluk birlik

$35 - 3 = ?$

3	5
—	3
3	2

$35 - 30 = ?$

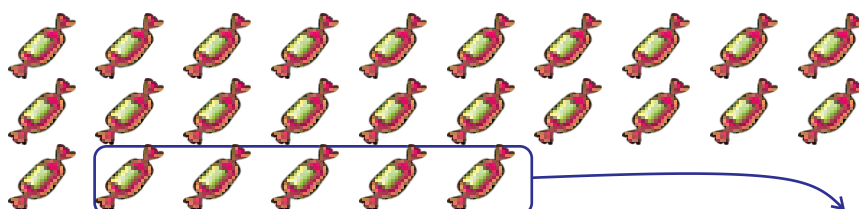
$30 - 30 = 0$

$0 + 5 = 5$

2 Hasaplaýarys.

$\begin{array}{r} 11 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 69 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 66 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ - 20 \\ \hline \end{array}$
--	--	--	---	---

3 Näçe konfet galdy?

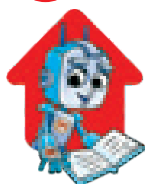


- =

4 Degişli sanlary ýazýarys we hasaplaýarys.

$\begin{array}{r} 50 \\ + 5 \\ \hline ?? \end{array}$	$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \\ \square \square \end{array}$	$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \\ \square \square \end{array}$
---	--	--

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



$\begin{array}{r} 25 \\ - 21 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 68 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 25 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ - 40 \\ \hline \end{array}$
---	---	---	---	---

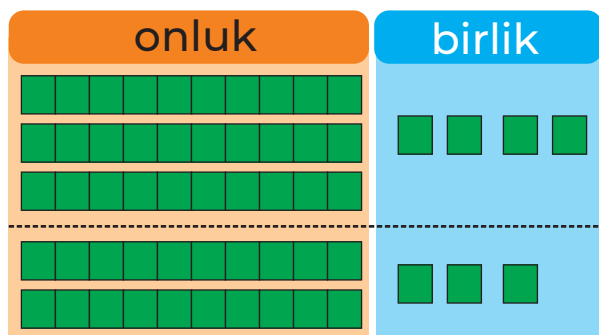
9-njy bap | 100 içinde goşmak we 8-nji ders | aýyrmak

1 Hasaplamlary düşündirýäris.



$$34 + 23 = ?$$

4 birlik + 3 birlik = 7 birlik
3 onluk + 2 onluk = 5 onluk

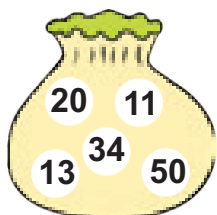


onluk	birlik
3	4
+	3
5	7

2 $23 + 54 = \square\square$
 $75 + 11 = \square\square$

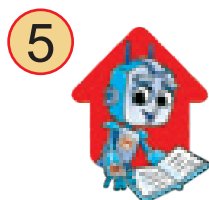
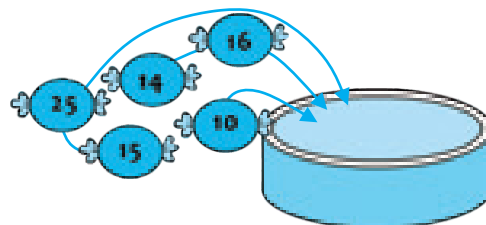
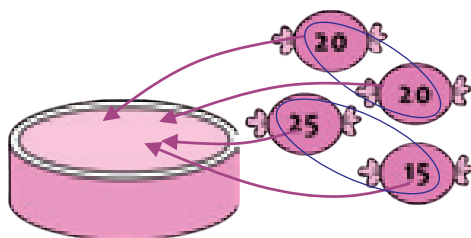
$35 + 44 = \square\square$
 $34 + 22 = \square\square$

3 Değişli sanlary ýazýarys we hasaplaýarys.



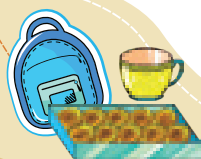
$\square + \square = \square$
 $\square + \square = \square$

4 Gaplarda konfetler näçeden boldy?



5

15	13	47	61
$+ 52$	$+ 36$	$+ 21$	$+ 23$
<hr/>	<hr/>	<hr/>	<hr/>



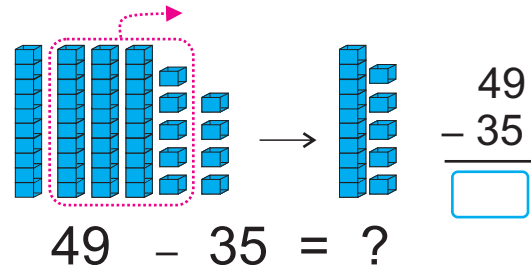
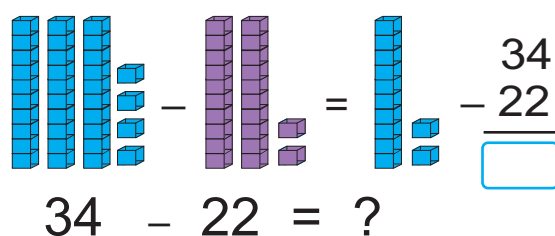
130



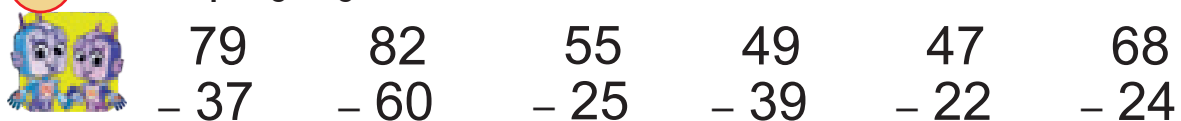
9-njy bap
9-njy ders

100 ichinde go'smak we
ay'irmak

1 Añlatmalaryň bahasy näçä deň?



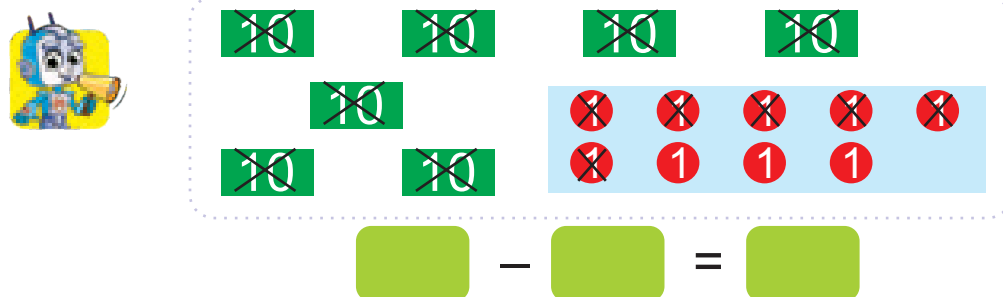
2 Hasaplaýarys.



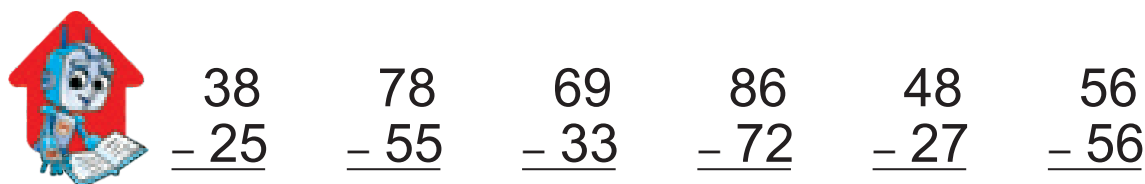
3 Degiшли sanlary ýazýarys we hasaplaýarys.



4 Tapawut näçä deň?

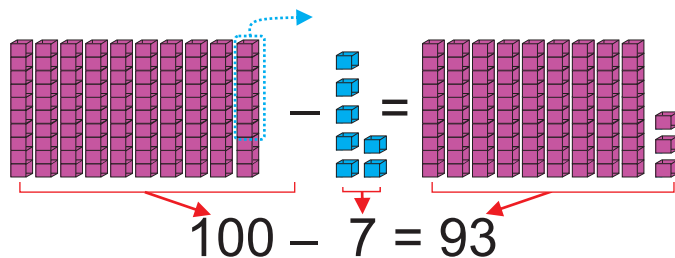


5 Hasaplaýarys.



9-njy bap | 100 ichinde goʻsmak we 10-njy ders | aʻyirmak

1 Hasaplamalar nahili yerine yetirilipdir?



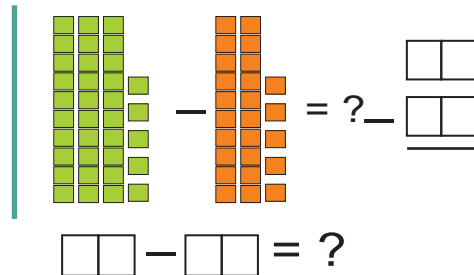
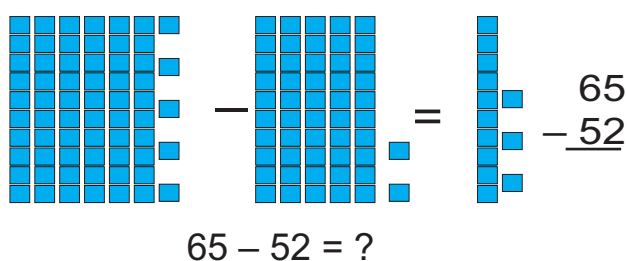
$$90 + (10 - 7) = \boxed{}$$

2 Hasaplayarys.

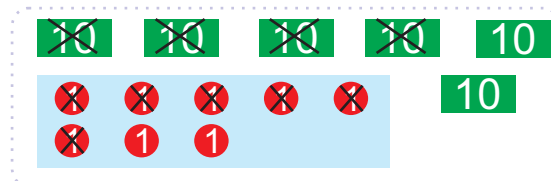
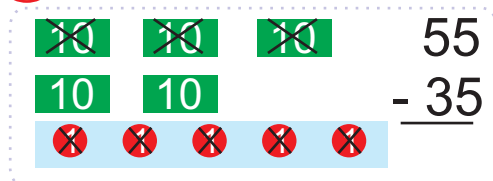


$100 - 6$ $100 - 3$ $100 - 9$ $100 - 5$

3 Degishi sanlary yazarys we hasaplayarys.



4 Hasaplayarys.



5 Hasaplayarys.



$100 - 1 = \boxed{}$

$100 - 4 = \boxed{}$

$100 - 2 = \boxed{}$

$100 - 8 = \boxed{}$

9-njy bap | Düzümlü meseleler
11-nji ders

1

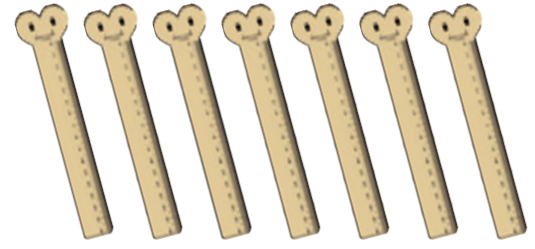


Bardy	Getirildi	Jemi
		?
20	+	10
	=	?

Bardy	Getirildi	Jemi
	?	

Bardy	Getirildi	Jemi
?		

2 Galamlar çyzgyçlardan näçe sany köp?



3 Boş gözenekleri doldurýarys.



3	6		12		18	
6	12	18		30		42
7	14		28		42	



9-njy bap
12-nji ders

Düzümlü meseleler

1



Bardy	Alyndy	Galdy
		?

$$15 - 5 = ?$$

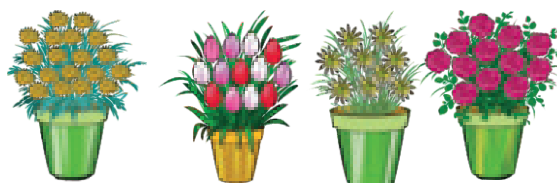
Bardy	Alyndy	Galdy
	?	

Bardy	Alyndy	Galdy
?		

2



Haýsy gülüň sany köp?
Haýsasy iň az?
Bägüller çigildem-
lerden näçe az?



3



Tegelekden başlap saga
2 gözenek, ýokary 2 göze-
nek, çepe 1 gözenek süý-
şende haýsy şekil ýerleşipdir?

4



Boş gözenekleri doldurýarys.

4	8		16		24	
8	16	24		40		56
9	18		36		54	

9-njy bap
13-nji ders

Iki amally meseleler

- 1 Bir düyp nar agajyndan 16 sany, ikinji düypden ondan 14 sany köp nar ýolundy. Iki düypden näçe sany nar ýolunypdyr?



$$\square + (\square + \square) = \square$$

- 2 Bir günde näçe gawun satyldy?

Günortana → 30
çenli

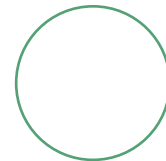
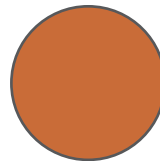
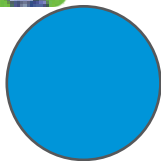


Günortandan soň → ?, 13 az

- 3 Näçe bægül galdy?

	sany	ýolundy	galdy
Gyzyl bægül	27	25 sany	? sany
Sary bægül	20		

- 4 Tapýarys: burçy ýok, töwerek däl, gök däl.



- 5 Üç sanyň jeminden töwerekdäki sany alýarys.



75 23 40 37 15 85 10 25

9-njy bap
14-nji ders

Iki amally meseleler

- 1 Saçakda 1 sany miwe gaby, 8 sany tarelka we 16 sany çemçe bar.

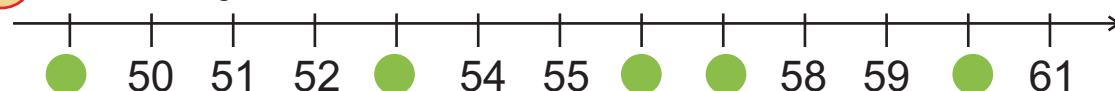


Tarekalaryň 4-üsi gyzyl reňkde. Ýaşyl reňkdäki tarelkalar näçe?




- 2 Fermada 24 sany gara we 36 sany ak towşan bardy. Ýene 38 sany çal reňk towşan satyn alyndy. Fermada töwşanlar näçe boldy?



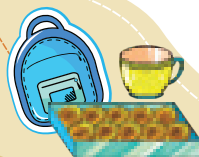
- 3 Sanlar şöhlesinde haýsy sanlar gizlenen?



- 4 Üzüm atyzda näçe üzüm nahaly boldy?

Üzüm nahallary	Bardy	Ekildi	Jemi
Huseýni 	42		} ? sany nahal
Kişmiş 		24	
Çaros 		30	

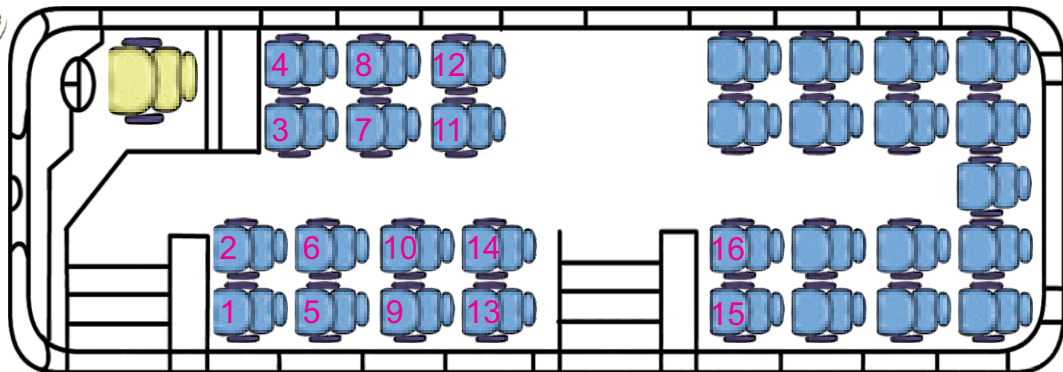
- 5 Awtobusda 33 sany ýolagçy bardy. Duralgada 13 sany ýolagçy düşdi, 18 sany ýolagçy bolsa mündi. Awtobusda näçe ýolagçy boldy?



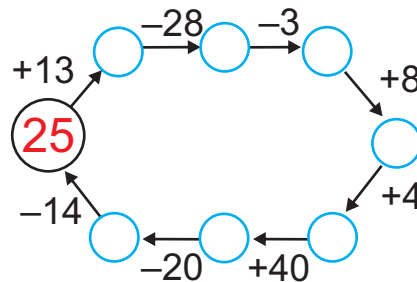
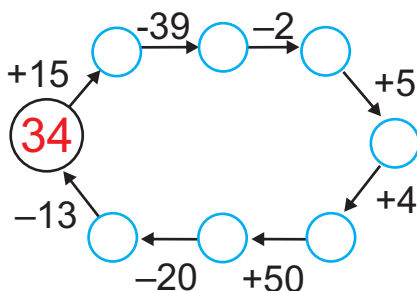
9-njy bap | Sanly zzygiderlikleri dowam etdirmek

15-nji ders

1 Nargizanyň ýeri 31-nji.
Onuň ýerini görkeziň.



2 Zzygiderlik esasynda hasaplaýarys.



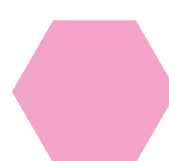
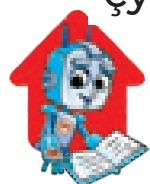
3 Jedwelde haýsy sanlar gizlenen?



Jedweldäki iň kiçi we iň uly ikibelgili san haýsy?

1	2	3	4	5	6	
24	25	26	27	28		8
23	40	41	42		30	9
22	39	48	49	44	31	10
21	38		46	45	32	11
20		36	35	34	33	12
	18	17	16	15	14	13

4 Burçlaryň sanyna görä şekilleri tertip bilen çyzýarys.



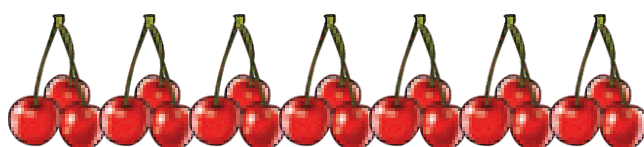
9-njy bap | Sanly yzygiderlikleri dowam etdirmek

16-njy ders

1 Yzygiderligi dowam etdirýaris.



2 Üç-üçden we dört-dörtten sanaýarys.

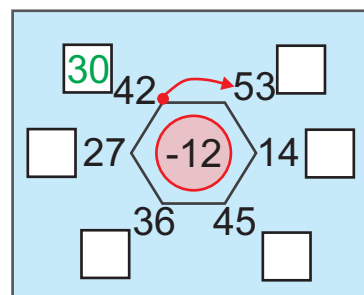
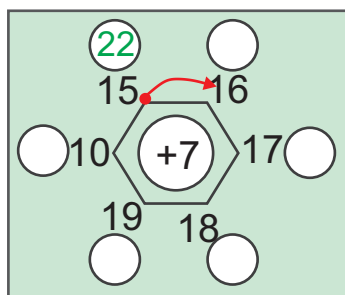


52 55 ? ? 64 ? 70



52 56 ? ? 68

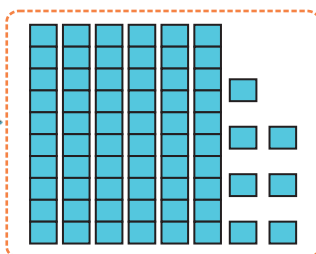
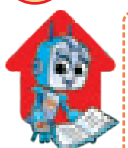
3 Hasaplaýarys.



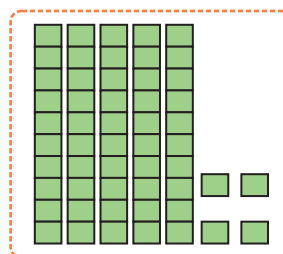
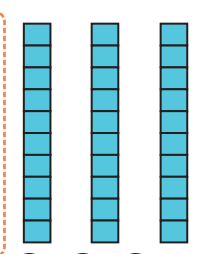
4 Soňky sanlary nädip tapýarys?



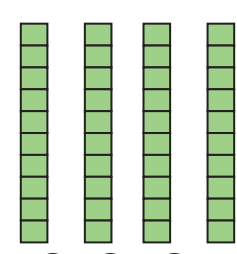
5 Degişli sanlary taparys we ýazýarys.



67

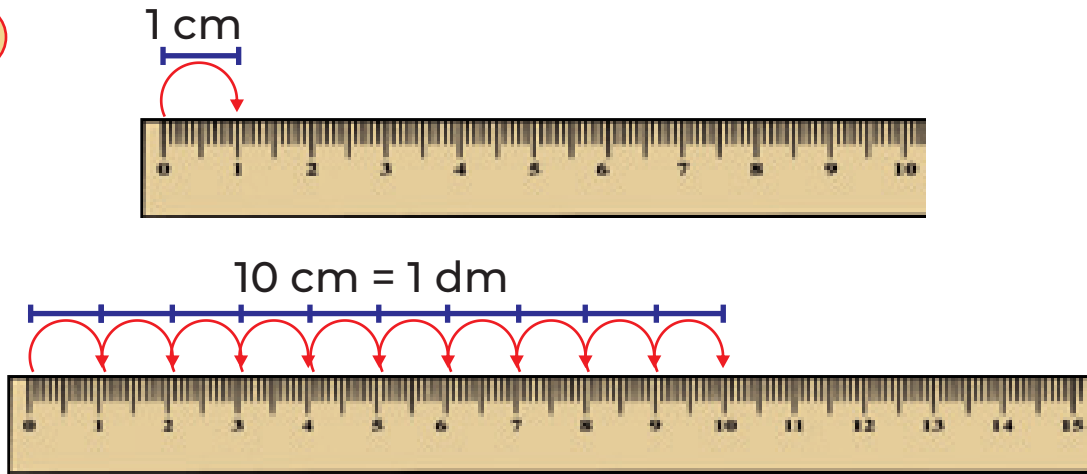


54



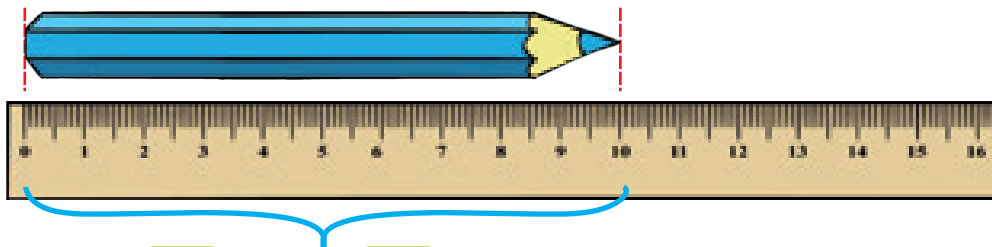
9-njy bap | Uzynlyk ölçeg birligi – 17-nji ders desimetr

1



2

Galamyň uzynlygy näçe?



cm = dm

Galamyň uzynlygy cm ýa-da dm.

3

Ölçeýäris we deňeşdirýäris.



Haýsasy 1 dm-den uzyn? Haýsasy gysga?



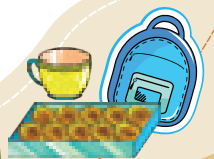
4

Hasaplaýarys.

100 – 3 100 – 6 100 – 7 100 – 9

5

Uzynlygy 8 cm-e, 1 dm-e, 12 cm-e we 15 cm-e deň kesimleri çyzýarys.



9-njy bap | Uzynlyk ölçeg birligi – metr
18-nji ders

1

10 dm

0 1 2 3 4 5 6 7 8 9 10

10 cm = 1 dm
 10 dm = 1 m
 1 m = 100 cm

1 m

1 m

2 Netijeler nämä deň?

10 cm = dm 100 cm = m
 10 dm = m 20 cm = dm

3 Hasaplamagy dowam etdirýäris.

$\begin{array}{r} 65 \text{ cm} \\ +13 \text{ cm} \\ \hline 78 \text{ cm} \end{array}$	$\begin{array}{r} 79 \text{ cm} \\ - 2 \text{ cm} \\ \hline \end{array}$	$\begin{array}{r} 81 \text{ cm} \\ + 6 \text{ cm} \\ \hline \end{array}$	$\begin{array}{r} 48 \text{ cm} \\ - 14 \text{ cm} \\ \hline \end{array}$
--	--	--	---

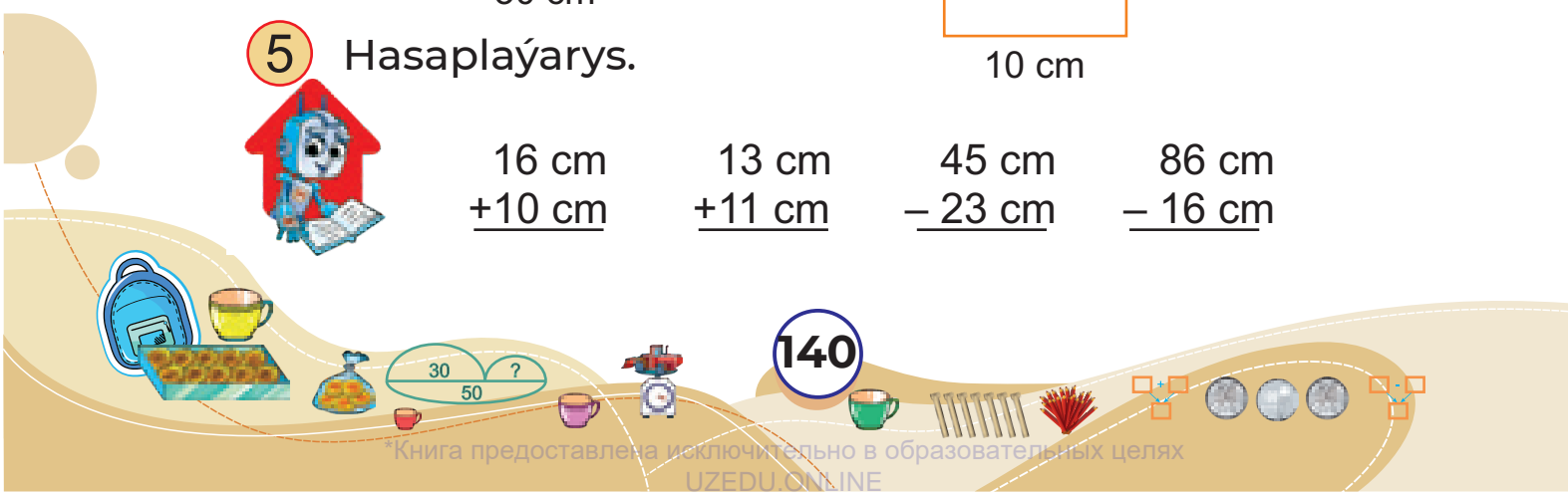
4 Dörtburçlugyň taraplarynyň uzynlygyny desimetrde aňladýarys.

Rectangle 1: Top 30 cm, Left 20 cm, Right 20 cm, Bottom 30 cm.

Rectangle 2: Right 30 cm, Bottom 10 cm.

5 Hasaplaýarys.

$\begin{array}{r} 16 \text{ cm} \\ +10 \text{ cm} \\ \hline \end{array}$	$\begin{array}{r} 13 \text{ cm} \\ +11 \text{ cm} \\ \hline \end{array}$	$\begin{array}{r} 45 \text{ cm} \\ - 23 \text{ cm} \\ \hline \end{array}$	$\begin{array}{r} 86 \text{ cm} \\ - 16 \text{ cm} \\ \hline \end{array}$
--	--	---	---



9-njy bap | Uzunlyk ölçeg birlikleri – 19-njy ders | desimetr, metr

1

10 cm = 1 dm

12 cm = 1 dm 2 cm

12 cm = 10 cm + 2 cm

2 Hasaplayarys.



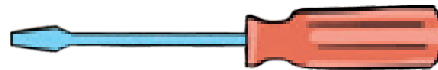
1 dm 6 cm = cm

1 dm 3 cm = cm

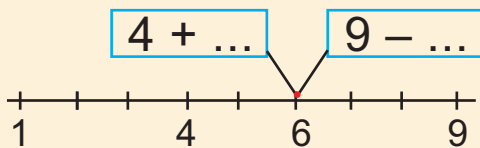
1 dm 8 cm = cm

1 dm 5 cm = cm

3 Desimetrde we santimetrde añladarys.



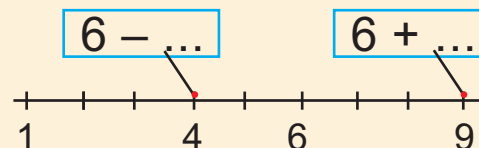
4 Netijeleri deňşdirýäris.



4 cm + 2 cm = cm

9 cm - cm = 6 cm

4 + 2 9 - 3

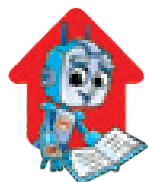


6 cm - 2 cm = cm

6 cm + cm = 9 cm

6 - 2 6 + 3

5 Hasaplayarys.



3 dm + 5 dm = dm

6 dm - 2 dm = dm

1 m - 1 m = m

18 cm + 2 cm = cm

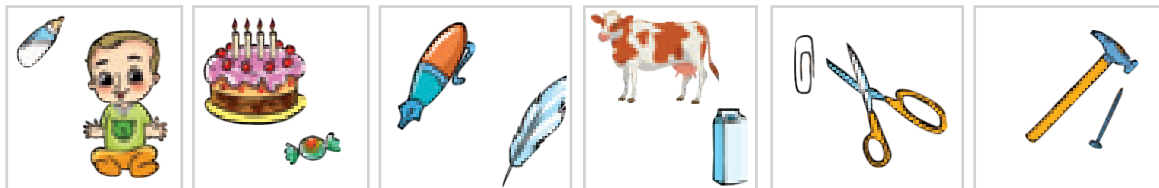
6 dm - 4 dm = dm

50 cm + 7 cm = cm

9-njy bap
20-nji ders

Massa ölçeg birligi

1 Haýsysy agyrrak?



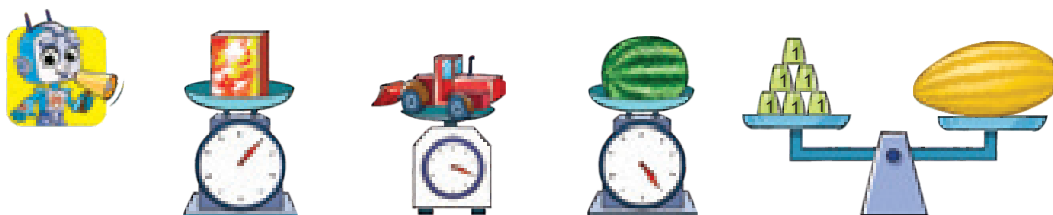
Massany terezi-
niň kömeginde
ölçemek
mümkin.



Massanyň ölçeg
birligi – kilogram.

Kilogram gysgaça
kg ýaly ýazylyar.

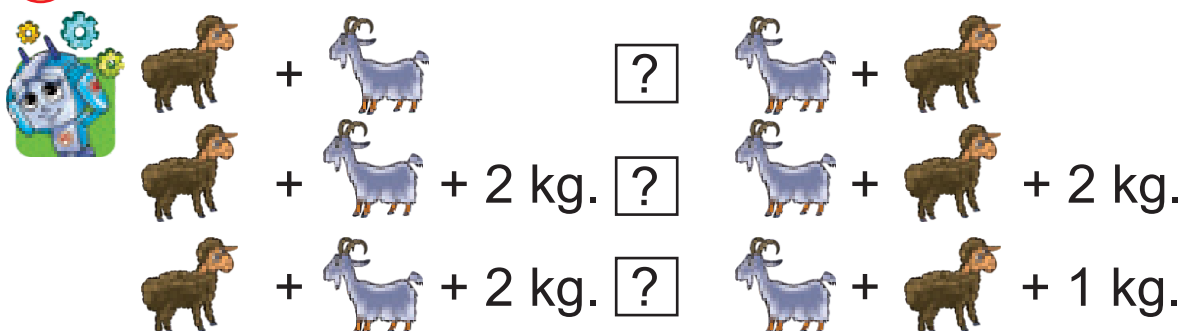
2 Zatlaryň massasy näçe kilogram?



3 Horaz – ? kg, hind towugy – ? kg.



4 Massalary deňşdirýäris.



9-njy bap | Sygym ölçeg birligi

21-nji ders

1 Gaplaryň sygymyny deňeşdirýäris.



2 Haýsy gapdaky suwuklygyň göwrümi ulurak?



Suwuklygyň göwrümi-
niň ölçeg birligi – litr.
Litr gysgaça / ýaly ýazylýar.



3 Haýsy gabyň sygymy 1 L -den köpräk?
Haýsysynyňky kiçiräk?



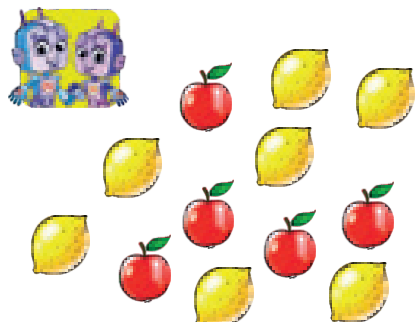
4 Her bir gabyň sygymy näçe litr bolmagy mümkin?







10-njy bap | MAGLUMATLAR BILEN IŞLEMEK

1-nji ders | Jedweller

1 Muslimanyň enesi bazardan miweler satyn aldy.



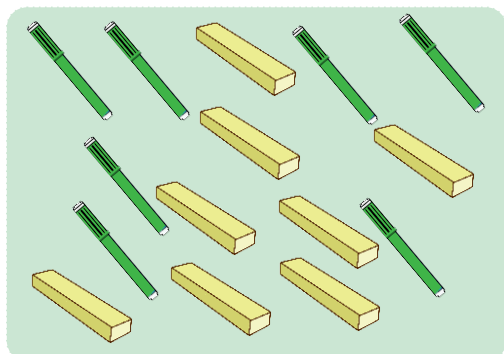
Jedwel düzýäris:


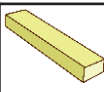
Miweler	Sanawy	Sany
Almalar 		5
Limonlar 		7
Jemi		12


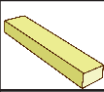
Almalar näçe?

Olar limonlardan näçe az?

2 Haýsy jedwel dogry düzülipdir?



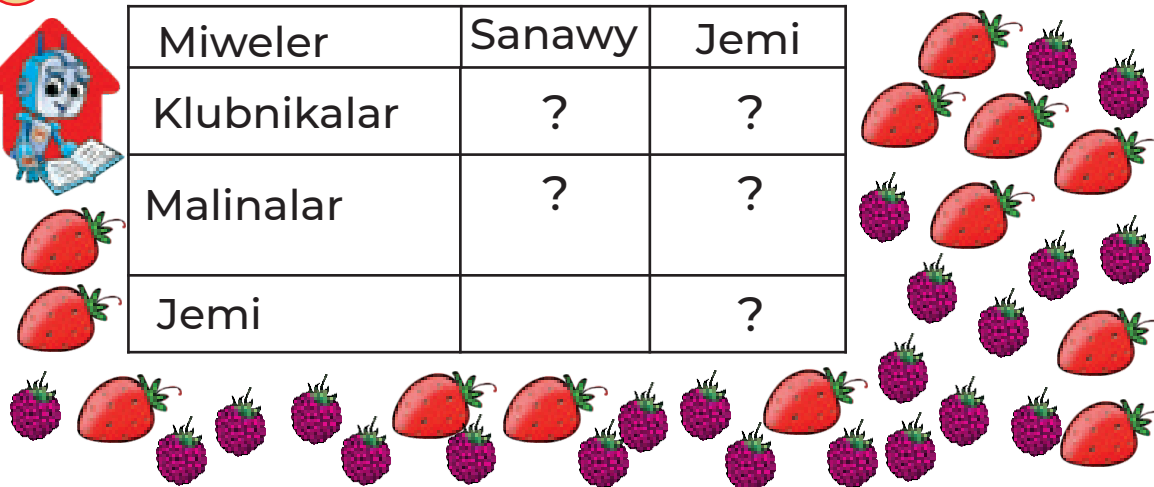
Zatlar			Jemi
Sany	7	8	

Zatlar			Jemi
Sany	7	6	13

3 Jedweli doldurýarys:



Miweler	Sanawy	Jemi
Klubnikalar	?	?
Malinalar	?	?
Jemi		?






10-njy bap
2-nji ders

Jedweller

1 Medine sowadyjyda aşakdaky içgileri görýär:

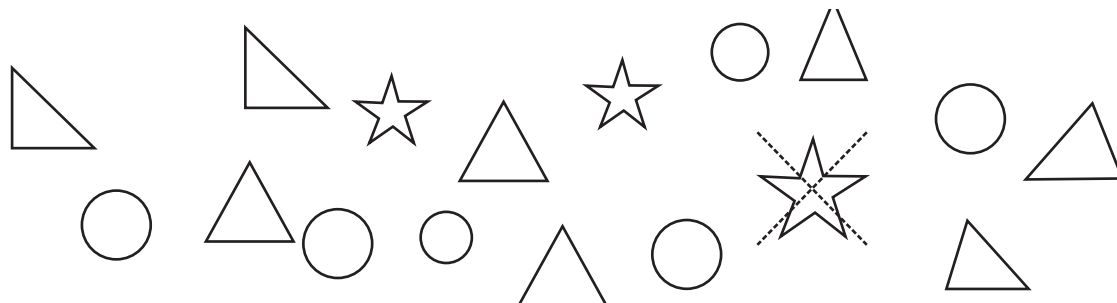


Içgileriň görnüşi boýunça jedwel düzýäris:

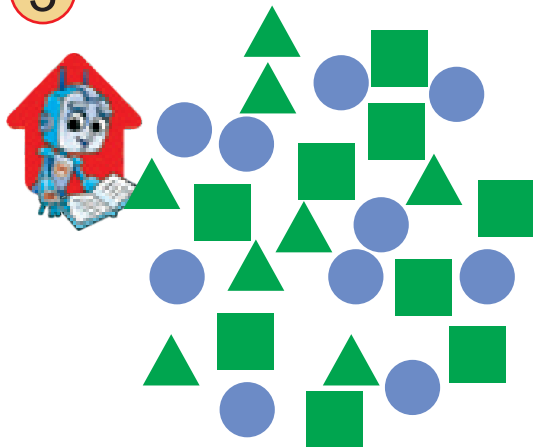
Içgiler	Sanawy	Sany
Kakaoly içgi 	?	?
Suw 	?	?
Şerbet 	?	?
Jemi		?




Suwlar şerbetlerden näçe köp?
Içgileriň iň azy näçe?

2 Şekilleriň görnüşine garap jedwel düzýäris.



3



Şekiller	Sanawy	Sany
Kwadrat 	?	?
Üçburçluk 	?	?
Tegelek 	?	?
Jemi	?	?



10-njy bap
3-nji ders

Jedweller

1 Jedwel esasynda soraglara jogap berýäris.



Umid okuw gurallarynyň
uzynlyklaryny ölçäp,
jedwel düzdi

Okuw gurallary	Ruçka	Galam	Bozguç	Flomaster	Sanaw çöpi
Uzynlygy	13 cm	11 cm	4 cm	14 cm	11 cm

Bozgujyň uzynlygy näçe santimetr?

Ol galamdan näçe santimetr gysga?

Haýsy zatlaryň uzynlyklary deň?

Näme galamdan uzyn,

emma flomasterden gysga?

2 Mähelläniň dükanynda 3 günüň dowamynda satylan doňdurmalar barada maglumat berlen:



Doňdurma	Duşenbe	Sişenbe	Çarşenbe
Şokoladly	14	16	12
Gaýmakly	12	13	10
Miweli	21	18	23

Çarşenbe günü näçe miweli doňdurma satylypdyr?

Sişenbe günü jemi näçe doňdurma satylypdyr?

Üç günde haýsy doňdurma iň köp satylypdyr?

Şokoladly doňdurma hasy gün iň köp satylypdyr?

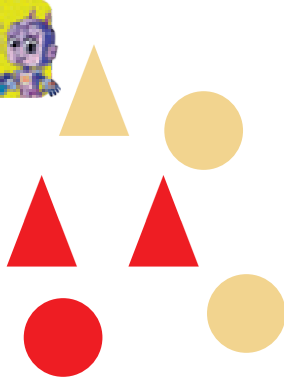
3 Okuw gurallarymyzyň uzynlygyny ölçäp, jedwel düzýäris.



10-njy bap
4-nji ders

Logiki düşüñjeler

1 Reñki birmeñzeş şekilleri tapawutlandyrýarys.



← reñki birmeñzeş



← reñki birmeñzeş



← şekli birmeñzeş

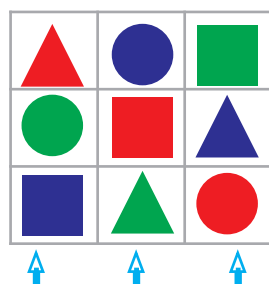


← şekli birmeñzeş

2 Birmeñzeş şekildäki gaplar näçe?



3



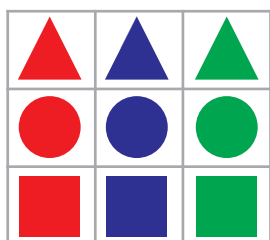
← şekli we reñki dürli

← şekli we reñki dürli

← şekli we reñki dürli

şekli we reñki dürli

Şekli we reñki birmeñzeş şekilleri saýlap alyp jedwel düzýäris.



← şekli birmeñzeş

← şekli birmeñzeş

← şekli birmeñzeş

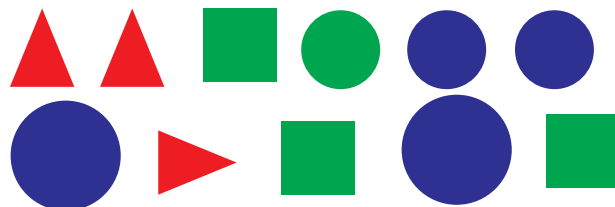
reñki birmeñzeş



10-njy bap 5-nji ders

Logiki düşünjeler

1 Şekiller nähili reňkde?



Üçburçluklaryň ählisi _____reňkde.

Islendik kwadrat _____reňkde.

Birinden başga ähli tegelekler ____ reňkde.

Tegelekleriň biri _____reňkde.

Mulohazalar to'g'rimi?

Ähli kwadratlar ýaşyl reňkde.

Islendik tegelek gök reňkde.

Käbir tegelekler gök reňkde.

2 Maşgalada 5 sany aga-ini bar.

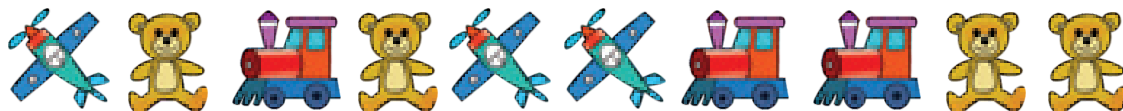


Olaryň ählisiniň jigisi bar.

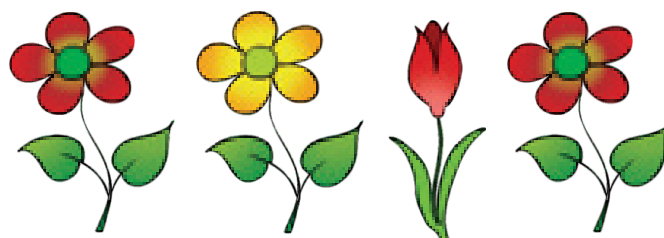
Maşgalada jemi näçe perzent bar?



3 Dokuzynjy surat näme? Ondan çep tarapdaky üçünji surat näme?



4 Haýsy gül artykmaç?
Näme üçin?



10-njy bap | Sanlar, ŧekiller we suratlar
6-njy ders | yzygiderligine degiŧli meseleler

1 Haýsy san dűŧürlip galdyrylan?



20, , 40, 50, 60

70, , 60, 55, 50, 45, 40

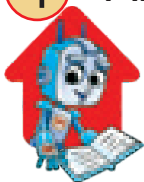
2 Yzygiderligi dowam etdirýäris.



3 Nähili ŧekiller dűŧüp galypdyr?




4 Ahyrky ŧekiller haýsy? Olary çyzýarys.




10-njy bap | Sanlar, ŧekiller we suratlar 7-nji ders | zygiderligine degiŧli meseleler











1 Dŧŧŧrlip galdyrylan sanlary tapŧarys.












70, , 50, 40, 30,
30, , 40, , , 55, 60





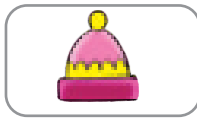


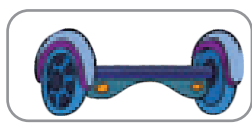
2 Zygiderlikler haŧsy ŧekiller bilen gutarŧar?





         




         ??? ?





3 Boŧ gŧzenege haŧsy zady goŧŧarys?

4 Boŧ hatary doldurŧarys we ŧyzŧarys.

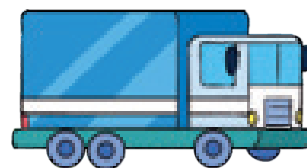
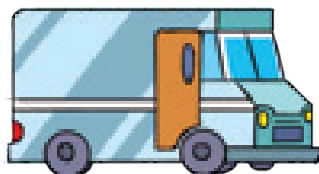
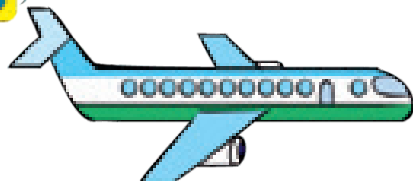
   



10-njy bap | Sanlar, ŧekiller we suratlar

8-nji ders | yzygiderligine degiŧli meseleler

1 Haýsyy artykmaç? Näme üçin?



2 Haýsy haýwan artykmaç? Näme üçin?



3 Düşürlip galdyrylan sanlary tapýarys.

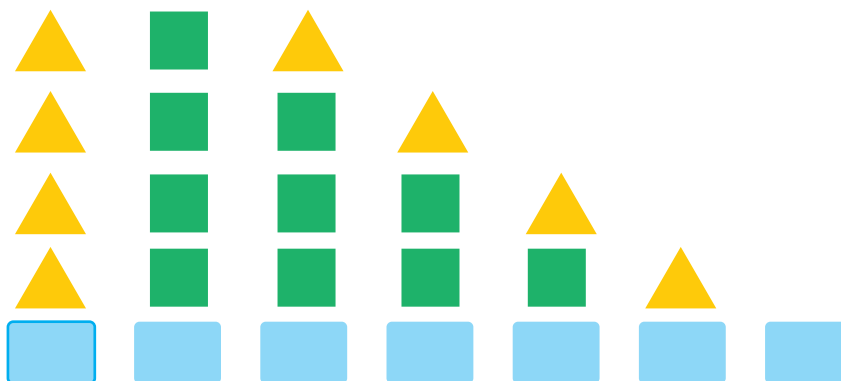


95, 90, 85, 80, 75, __, 65, __, __, 50

4 Soňky sany nädip tapýarys?

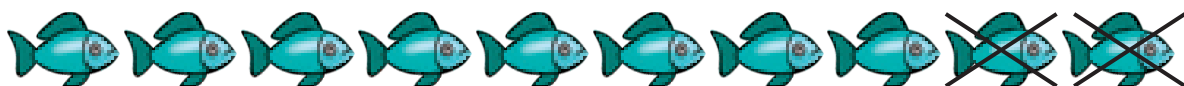
4, 5, 7, 10, ? 2, 5, 9, 14, ?

5 Boŧ hatary doldurýarys.

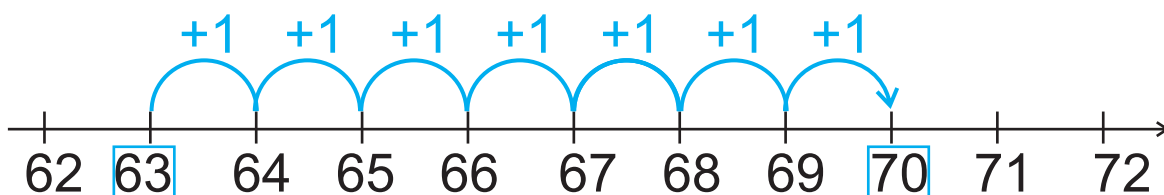
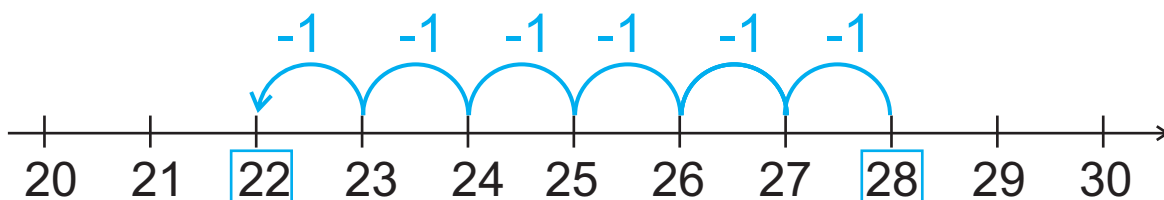


Gaytalamak

- 1 Suratda haýsy amal görkezilen?
Yazýarys: (meselem: $6 - 2 = 4$)



- 2 Hasaplaýarys.



- 3 =, - belgisinden laýygyny goýýarys.

$$19 \dots 10 = 9$$

$$12 \dots 1 = 11$$

$$17 \dots 1 = 18$$

$$12 \dots 1 = 11$$

$$10 \dots 7 = 17$$

$$18 \dots 1 = 19$$

$$14 \dots 1 = 15$$

$$11 \dots 1 = 10$$

$$20 \dots 1 = 19$$

- 4 Sygyrlary baş-başden sanaýarys. Jemi sygyrlar näçe?

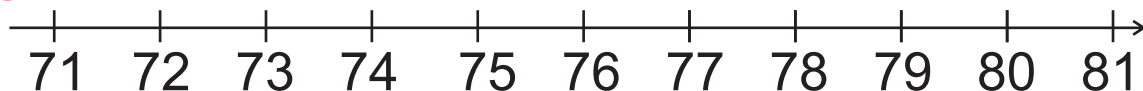


- 5 Dokuzynjy ýerde näme dur? Soňundan çepde dördünji näme?



Ga'ytalamak

6) Jübüt sanlary saýlaýarys.



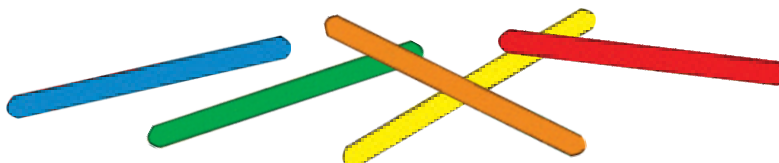
7) Dowam etdirýäris.



8) Hasaplaýarys.

$$\begin{array}{ccccc} 17 - 1 & 13 + 12 & 15 - 15 & 48 - 18 & 100 - 9 \\ 17 - 10 & 17 - 11 & 14 + 30 & 74 - 10 & 86 - 16 \end{array}$$

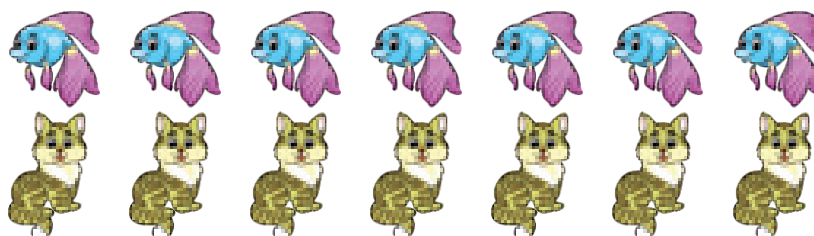
9) 5 sany hasap çöpünden bir kwadrat we iki üçburçluk gurýarys.



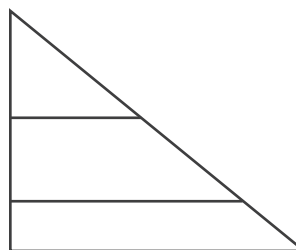
10) Täk sanlary saýlaýarys.



11) Sanamazdan deňeşdirýäris.

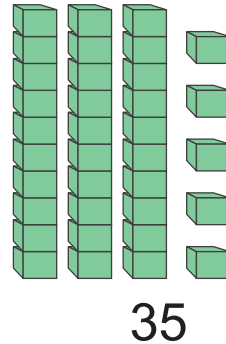
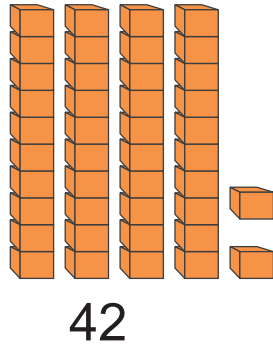


12) Näçe üçburçluk bar?



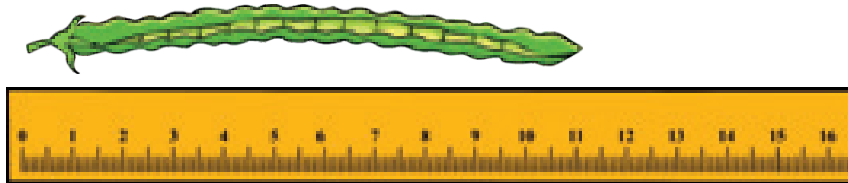
Gaʻtalamak

13) Jem nāčā deñ?



$$\begin{array}{r} 42 \\ + 35 \\ \hline \square \end{array}$$

14) Takmynan nāčē santimetre deñ?



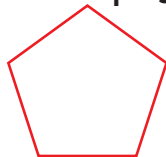
15) Hasaplaʻarys. Netijeleri deñeşdirʻaris.

$10 + 11$	<input style="width: 20px; height: 20px;" type="text"/>	$13 - 10$	$16 + 51$	<input style="width: 20px; height: 20px;" type="text"/>	$77 - 10$
$42 - 12$	<input style="width: 20px; height: 20px;" type="text"/>	$16 - 16$	$15 - 15$	<input style="width: 20px; height: 20px;" type="text"/>	$10 - 10$
$74 - 13$	<input style="width: 20px; height: 20px;" type="text"/>	$18 - 8$	$26 + 31$	<input style="width: 20px; height: 20px;" type="text"/>	$50 + 3$

16) Syrgalary iki-ikiden sanaʻarys. Jemi syrgalar nāčē?



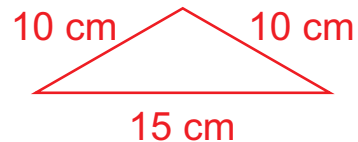
17) Hasaplaʻarys.



$10 \text{ cm} = \square \text{ dm}$



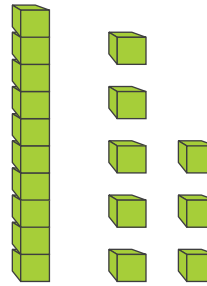
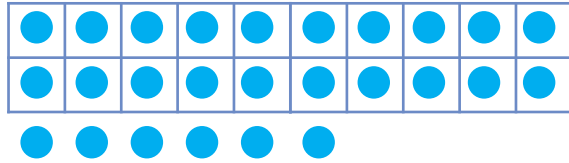
$10 \text{ dm} = \square \text{ cm}$



$35 \text{ cm} = \square \text{ dm } \square \text{ cm}$

Gaytalamak

18 Sana'yarys we hasapla'yarys.



? sany onluk + ? sany birlik = ?

? sany onluk + ? sany birlik = ?

19 Añlatmanyň bahasyny tap'yarys.

$$(44 + 2) - 6$$

$$(99 - 2) - 5$$

$$17 + 22 - 30$$

$$16 - (7 - 1)$$

$$14 + (49 - 5)$$

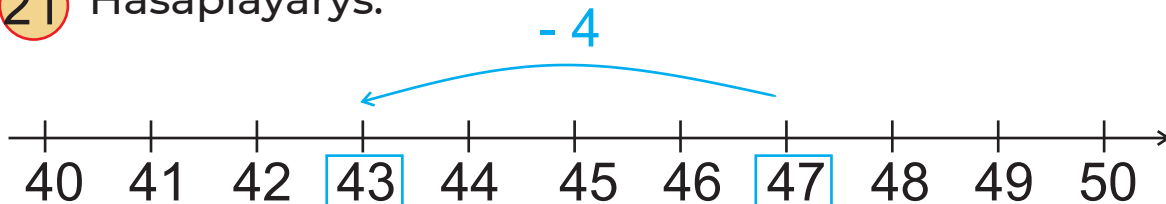
$$68 - 8 - 60$$

20

$$\begin{array}{r} 70 \\ + 20 \\ \hline \square \end{array} \quad \begin{array}{r} \square \\ - 40 \\ \hline \square \end{array}$$

$$\begin{array}{r} 94 \\ - 73 \\ \hline \square \end{array} \quad \begin{array}{r} \square \\ + 33 \\ \hline \square \end{array}$$

21 Hasapla'yarys.



22 17 emele gelyän aňlatmalary saýla'yarys.

$19 - 2$
 $15 + 1$
 $15 + 3$
 $17 - 0$

23

$$6 \text{ dm} + 4 \text{ dm} = \square \text{ dm}$$

$$66 \text{ cm} + 4 \text{ cm} = \square \text{ cm}$$

$$5 \text{ dm} - 3 \text{ dm} = \square \text{ dm}$$

$$15 \text{ cm} + 5 \text{ cm} = \square \text{ cm}$$

Goşmaça ýumuşlar

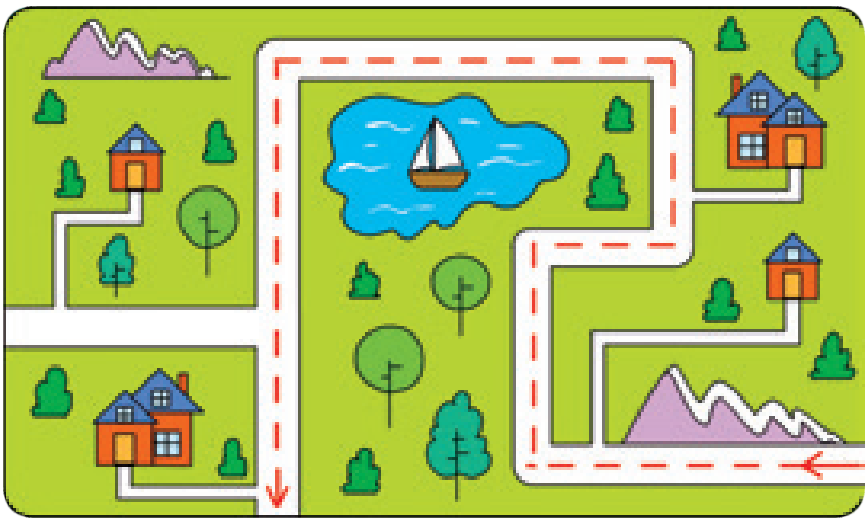
1 Näge ördejik belka seredip dur?



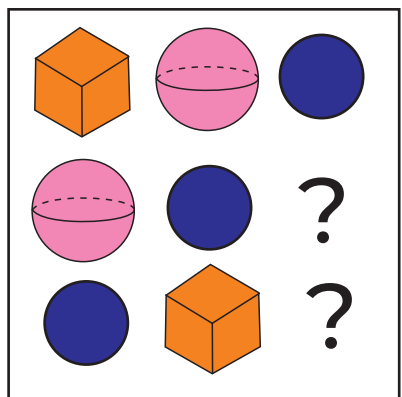
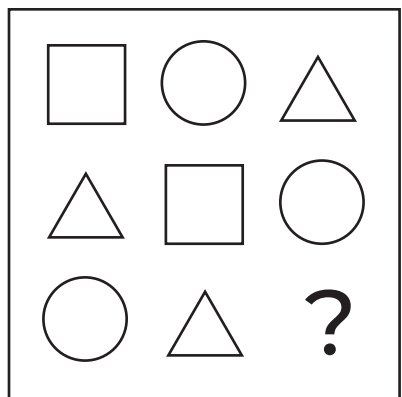
2 Haýsy reňkdäki galam iň uzyn däl, iň gysga däl?



3 Kartada Medinaniň geçen ýoly şekillendirilen. Ol näçe gezek saga öwrülipdir?



4 Haýsy şekil ýetişmeýär?



Goşmaça ýumuşlar

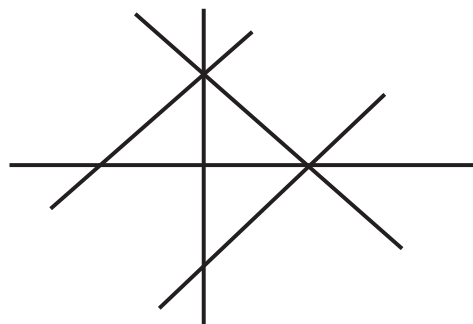
5

$$\begin{aligned} \text{Rubik} + \text{Rubik} &= 10 \\ \text{Planet} + \text{Rubik} &= 9 \\ \text{Rubik} - \text{Planet} &= ? \end{aligned}$$

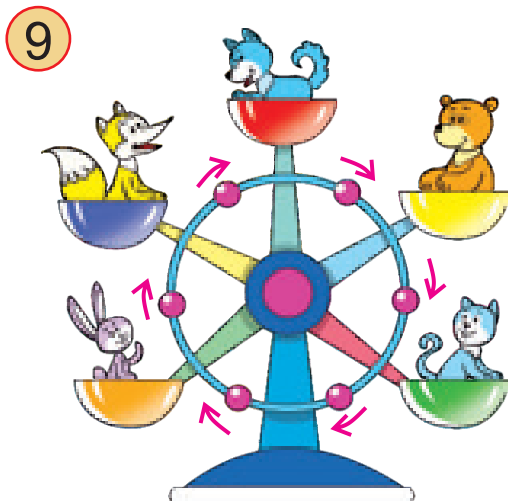
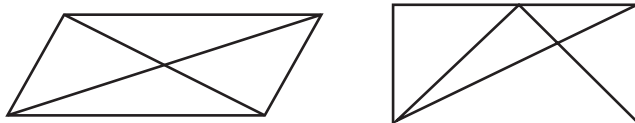
$$\begin{aligned} \text{Helicopter} + \text{Duck} &= 4 \\ \text{Teddy} + \text{Duck} + \text{Helicopter} &= 10 \\ \text{Helicopter} + \text{Teddy} &= ? \end{aligned}$$

- 6 Synp tagtasyndan gapa çenli barmak üçin Batyr 7 ädim ätdi, Kadyr bolsa 6 ädim. Kimiň ädimi uzynrak?

- 7 Çyzgyda näçe göni çzyk bar?
Üçburçluklar näçe?
Dörtburçluklar näçe?



- 8 Çyzgylarda näçe üçburçluk, näçe dörtburçluk bar?

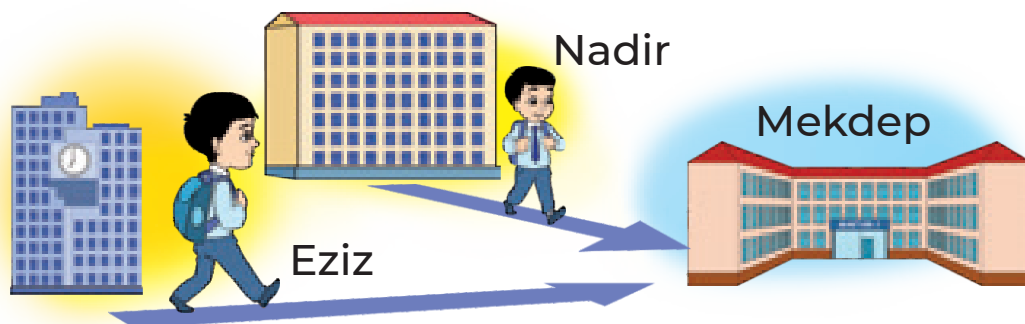


Kim ýokary galýar?
Kim aşak düşýär?
Tilki iň ýokary galanda
kim ýokarrak bolýar –
towşanmy, aýymy?
Şol wagt pişik
niredede bolýar?



Goşmaça ýumuşlar

10



Nadir Ezize garanda mekdebe golaýrak ýerde ýaşaýar. Olar bir wagtda öýden çykyp, bir wagtda mekdebe geldi. Kim tizräk ýöräpdir?

11

Hasaplamazdan, deňeşdirýäris.

$$5 + 8 \quad ? \quad 8 + 5$$

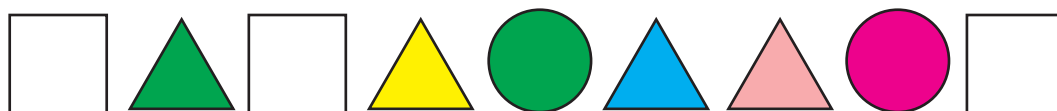
$$9 + 6 + 4 \quad ? \quad 6 + 9 + 3$$

$$7 + 9 - 3 \quad ? \quad 9 + 7 - 3$$

12

Daniýaryň doglan günü Kamolanyňkydan soňrak, Kamolanyňky bolsa Sanabaryňkydan soňrak bellenýär. Kimiň doglan günü ilki bellenýär. Ondan soň kimiňki?

13



Haýsy üçburçluk kwadrat bilen tegelegiň arasynda? Çepden sananda ol näçenji dur? Sagdan näçenji? Üçburçlukdan soň, kwadratdan oň duran tegelegi tapýarys. Çepden sananda ol näçenji bolup dur? Sagdan näçenji?

Iki üçburçlugyň arasynda duran kwadraty tapýarys. Çepden sananda ol näçenji dur? Sagdan näçenji?

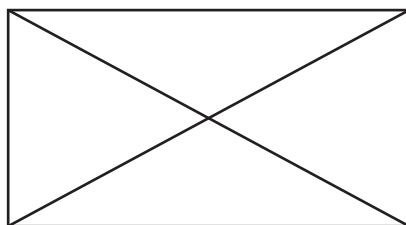
Goşmaça ýumuşlar

14



Sanamazdan şarlaryň we gnomlaryň sanyny deňeşdirýäris.

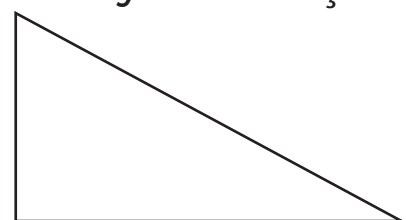
15 Şekilde näçe üçburçluk bar?



16 Dörtburçlugyň içinde iki kesim çyzyp, üç sany üçburçluk emele getirýäris.



17 Üçburçlugyň içinde iki kesim çyzyp, üç sany üçburçluk we bir sany dörtburçluk emele getirýäris.



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Lolaxon O'rinboyeva, Mamanazar Jumayev,
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