

MATEMATIKA

*Umumy orta bilim berýän mekdepleriň
1-nji synpy üçin maşk depderi*

*Özbekistan Respublikasynyň
Halk bilimi ministrligi tarapyndan
neşire hödürlenildi*

Täze neşir

1

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Düzüjiler:

Mamanazar Jumaýew, Lolahon Orinbaýewa,

Şuhrat Ismailow, Nigora Ruzikulowa

Halkara ekspert:

Marsello Starikoff

Syn ýazanlar:

F. Jumaýewa – Daşkent şäheriniň Çilanzar tümenindäki 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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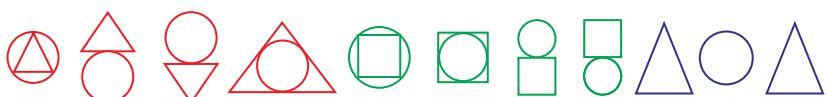
1-nji bap
2-nji ders

Zatlaryň özara ýerleşishi

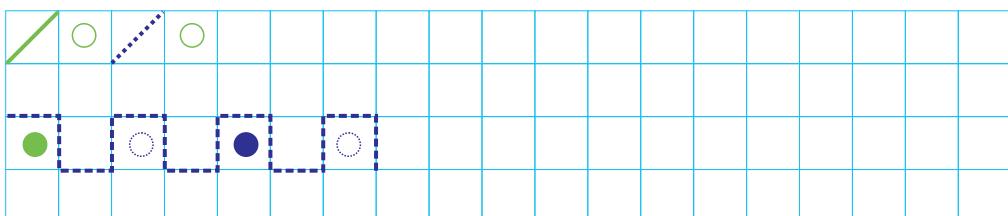
1. Pökgi nirede ýerleşen? Ony reňkleýäris.



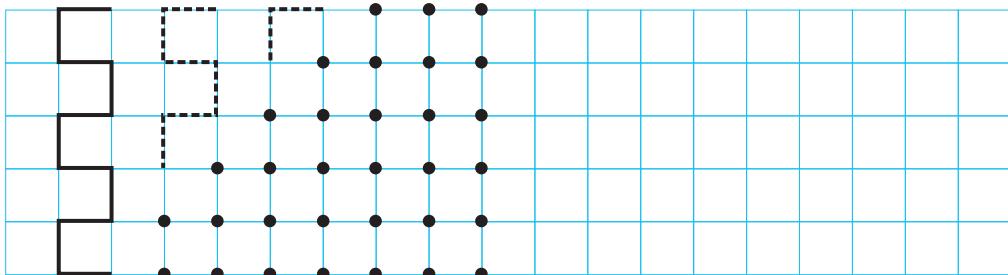
2. Şekilleri reňkleýäris we tegelegiň
ýerleşisini aýdýarys.



3. Çyzmagy dowam etdirýäris.



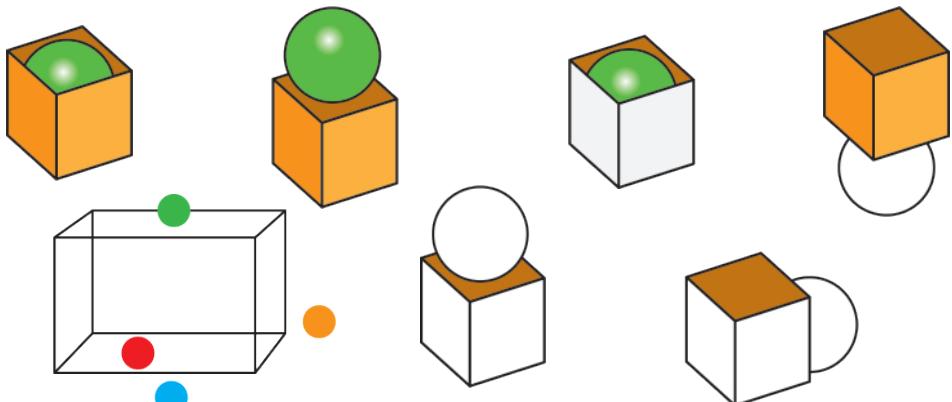
4. Nokatlary nusgadaky ýaly utgaşdyryýarys.



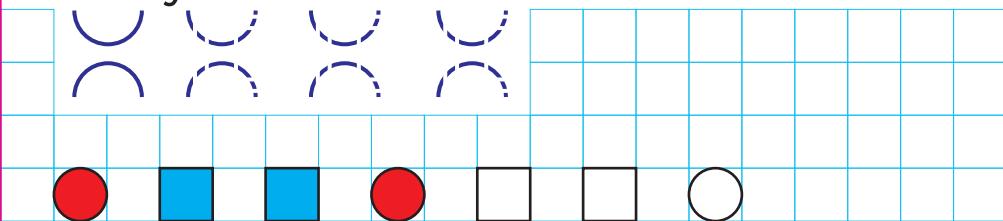
**1-nji bap
3-nji ders**

Zatlaryň özara ýerleşishi

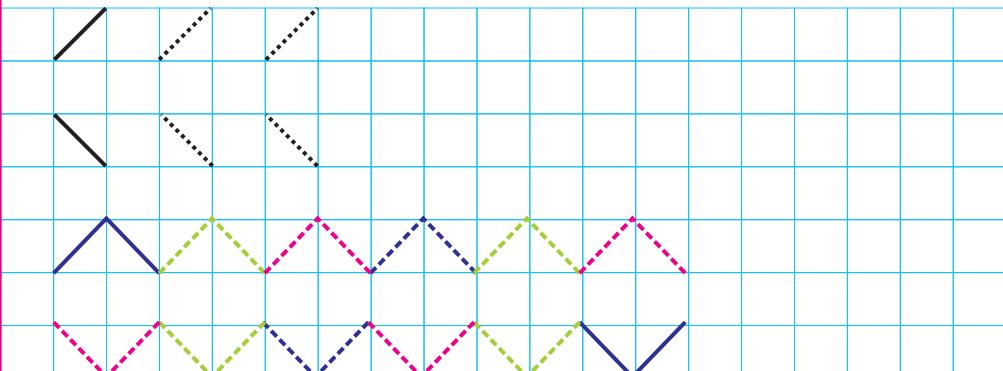
**1. Şekiller nähili ýerleşen?
Olary nusgadaky ýaly reňkleýäris.**



2. Şekilleri deňeşdirýäris we hatary dowam etdirýäris.



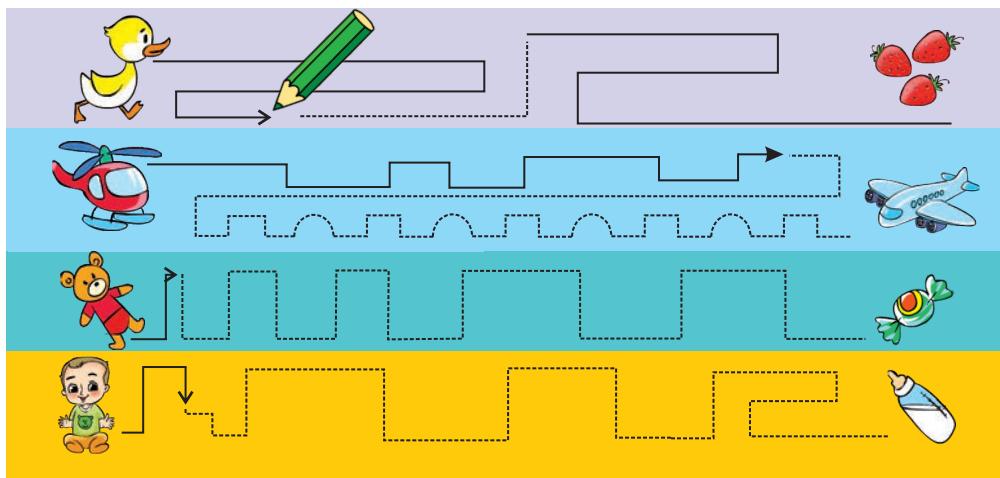
3. Çyzmagy dowam etdirýäris.



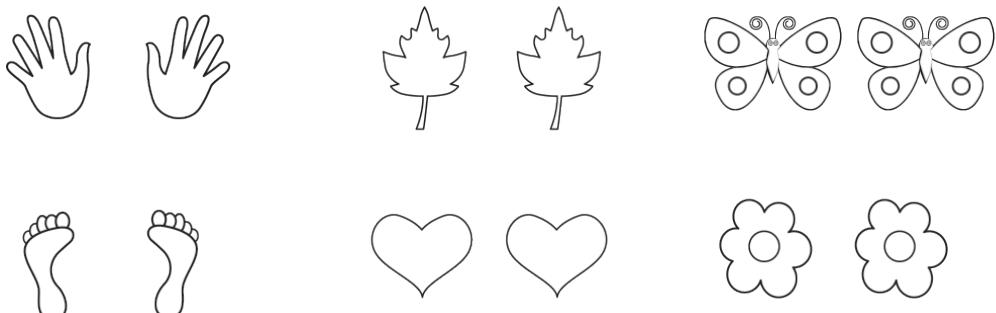
**1-nji bap
4-nji ders**

Zatlaryň özara ýerleşishi

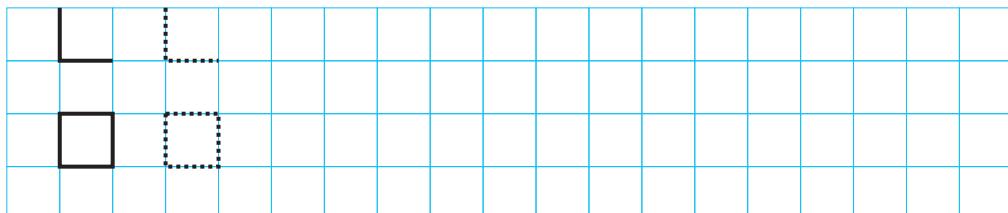
1. Hereketleri dowam etdirýäris.



2. Her bir şekiliň (suratyň) sagdakysyny
ýasyl, çepdäkisini gök reňke reňkleýäris.

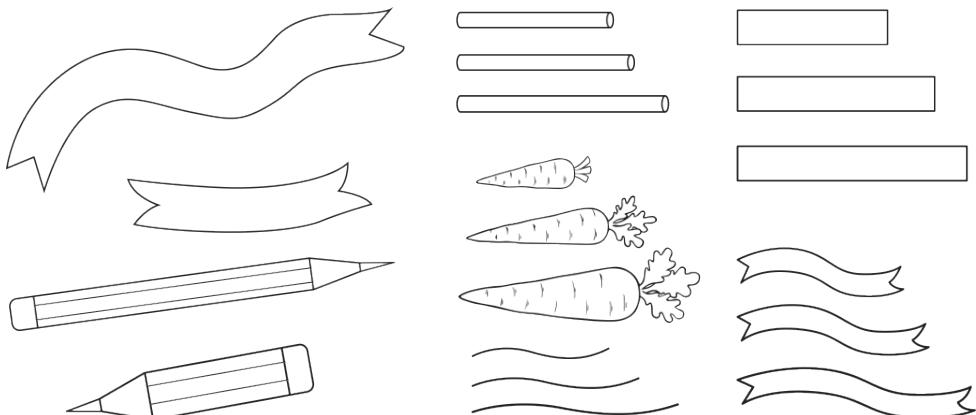


3. Çyzmagy dowam etdirýäris.

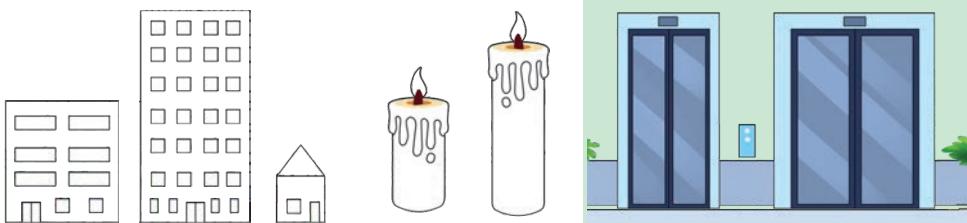


**1-nji bap
5-nji ders**
Zatlary deňeşdirmek

1. Uzyn zatlary gök, iň gysgalaryny ýaşyl, galanlaryny gyzyl reňke reňkleýäris.



2. Haýsy tarapdakysy belent?
Haýsy tarapdakysy pes?
Suratlary reňkleýäris.



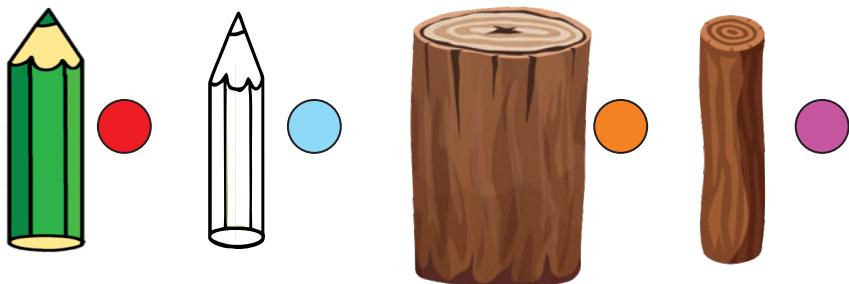
4. Ýazuwy dowam etdirýäris.

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**1-nji bap
6-njy ders**

Zatlary deňeşdirmek

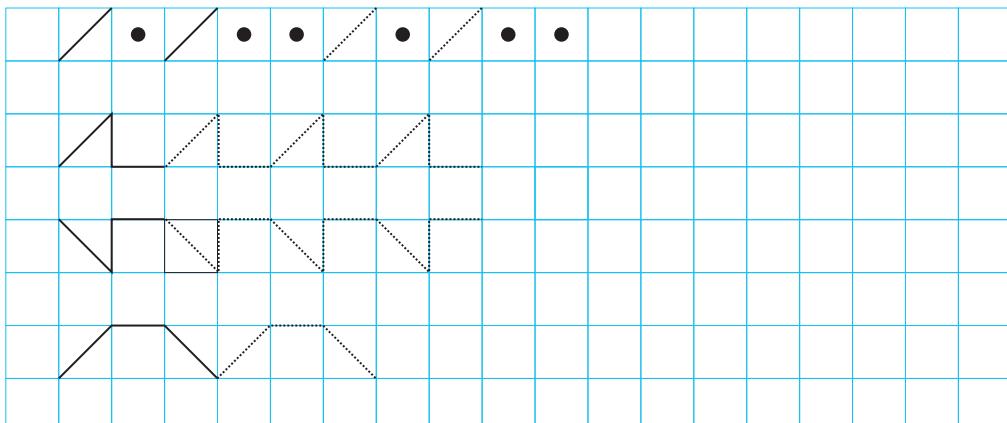
1. Haýspsy ýogyn? Haýspsy inçe?



2. Bellik edýärис: haýspsy galyň?



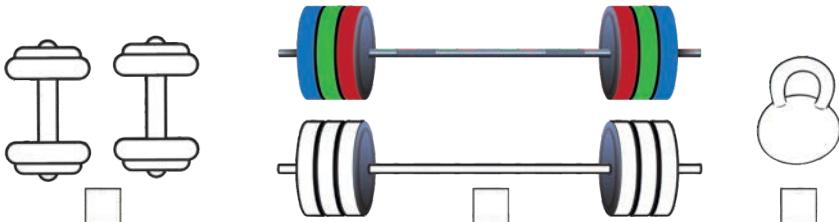
3. Çyzmagy dowam etdirýärис.



**1-nji bap
7-nji ders**

Zatlary deňeşdirmek

1. Gantel agyrmy ýa-da ştanga?
Degişli reňkleri saýlap, olary reňkleýäris.



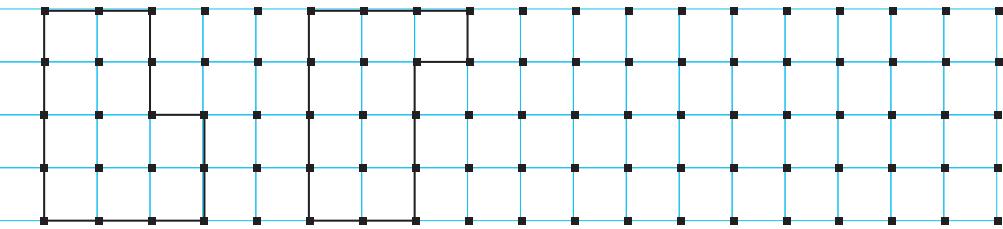
2. Agyr tarapyna +, ýeňil tarapyna -, deň bolsa = belgisini goýýarys.



3. Deňeşdirýäris, tapawudyny anyklap reňkleýäris.



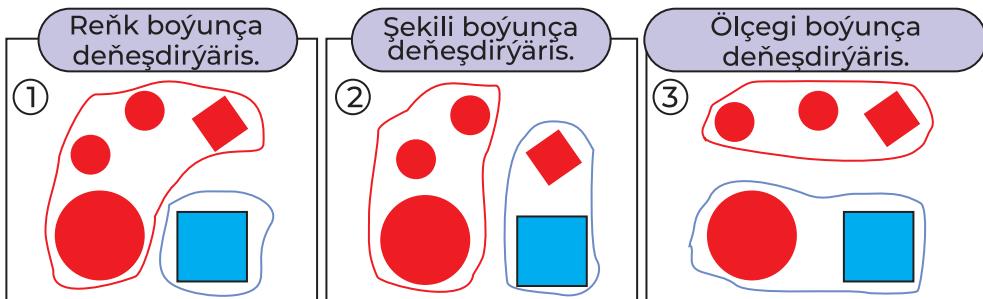
4. Nokatlary utgaşdyryp, şekilleri emele getirýäris.



**1-nji bap
8-nji ders**

Zatlary deňeşdirmek

1. Nusgadaky ýaly jogaplaryny aýdýarys.

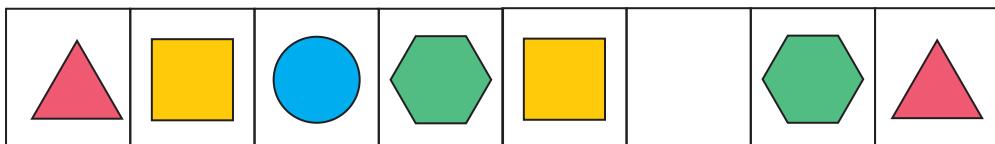


1. Birinji toparda reňki gyzyl tegelejikler we dörtburçluk, ikinji toparda gök dörtburçluk.

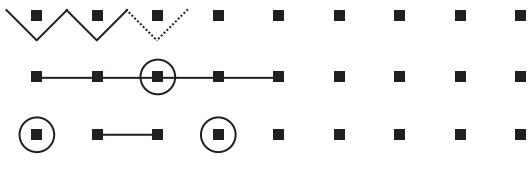
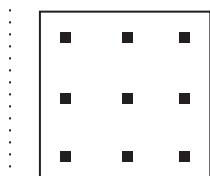
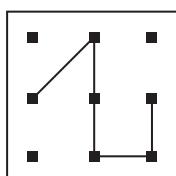
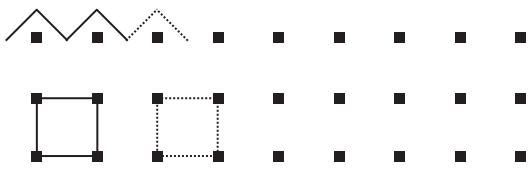
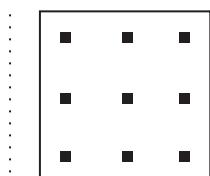
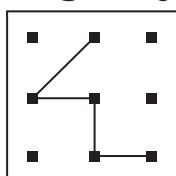
2. Birinji toparda şekili birmeňzeş _____ we _____.

3. Birinji toparda kiçi şekiller _____ we _____.

2. Düşürlip galdyrylan şekili çyzýarys.

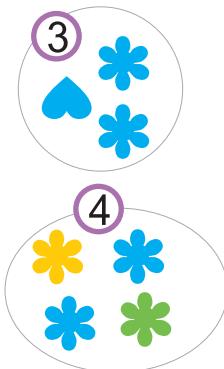
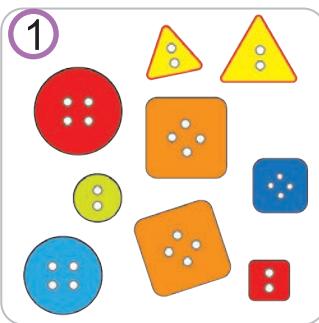


3. Nokatlary utgaşdyryp, şekilleri emele getirýäris.



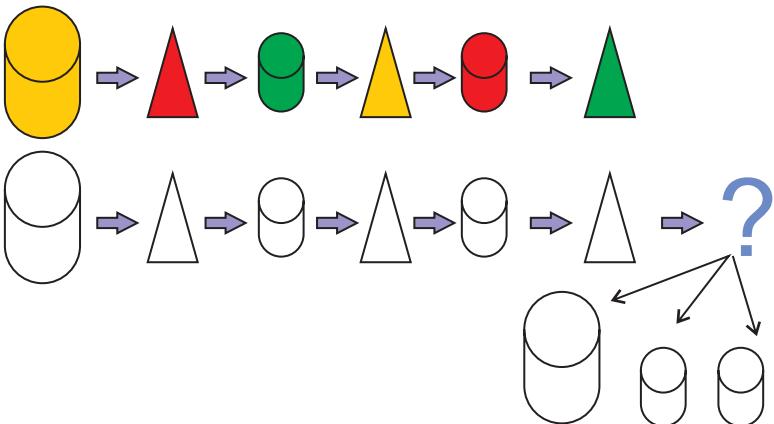
1-nji bap | Zatlary häsiýetleri 9-njy ders | boýunça toparlara bölmek

1. Zatlar toplumyny toparlara bölyäris,
atlaryny aýdýarys.

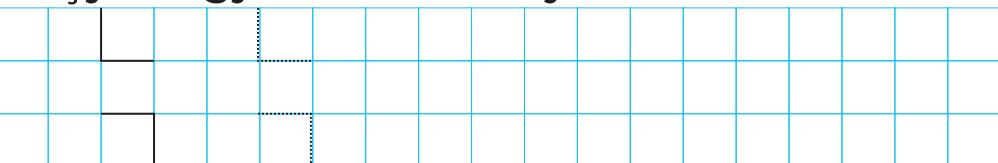


2. Nusgadaky ýaly reňkleýäris.
Nobatdaky şekil haýsysy bolýar?

Bulary reňki, şekili boýunça toparlara bölyäris.



3. Çyzmagy dowam etdirýäris.



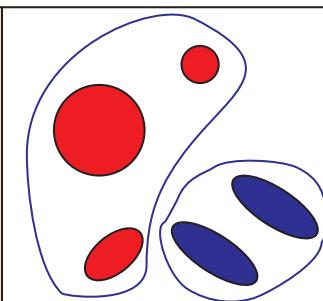
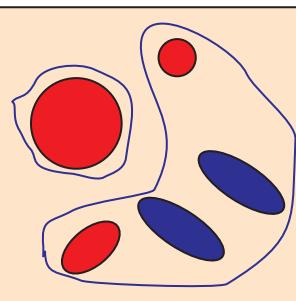
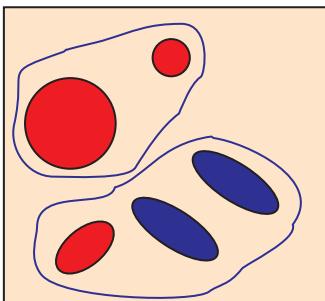
1-nji bap
10-njy ders

Zatlary häsiýetleri
boýunça toparlara bölmek

1. Zatlar nähili häsiýetler esasynda
toparlara bölünen?

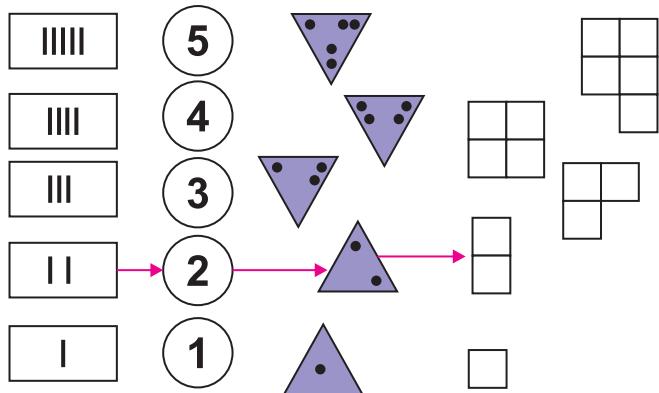


2. Reňki boýunça bölünen gözenege +, şekili
boýunça bölünen gözenege ✓, uly-kiçiligi
boýunça bölünen gözenege ● belgisini
goýýarys.

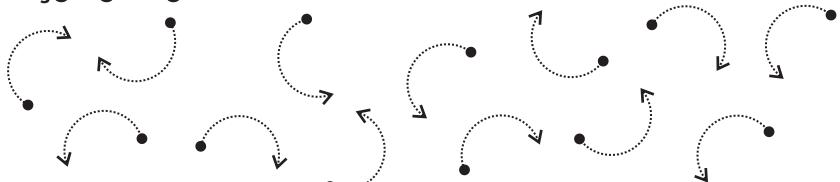


2-nji bap | 1-den 10-a çenli 1-nji ders bolan sanlar

1. Şekillere degişli sanlary tapýarys we utgaşdyryýarys.



2. Nokatlaryň üstünden ugurlar boýunça çyzýarys.



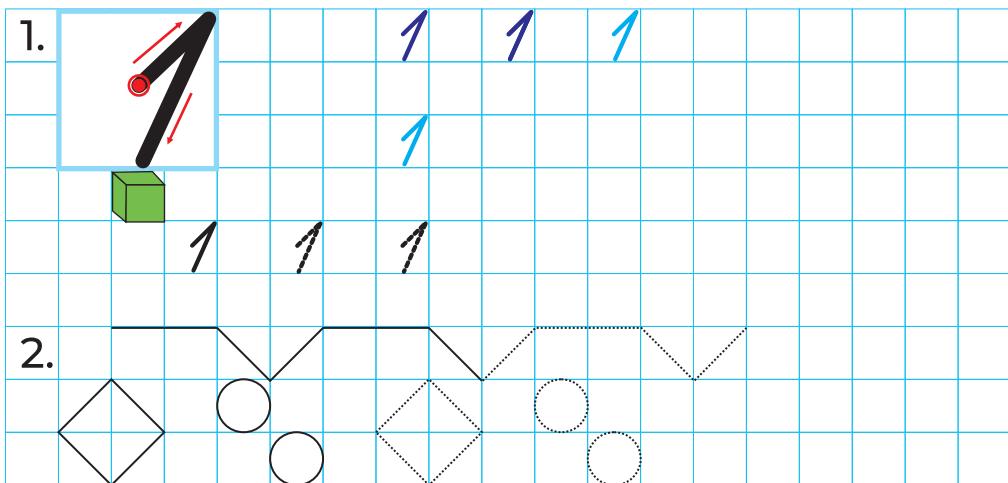
3. Nusgadaky ýaly dowam etdirýäris.

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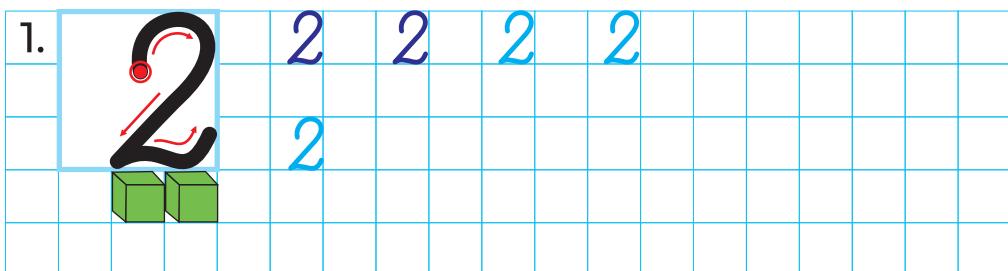
4. Sanlar yzygiderliginde nähili ýalňyşlyk bar?

1	3	2	5	4				

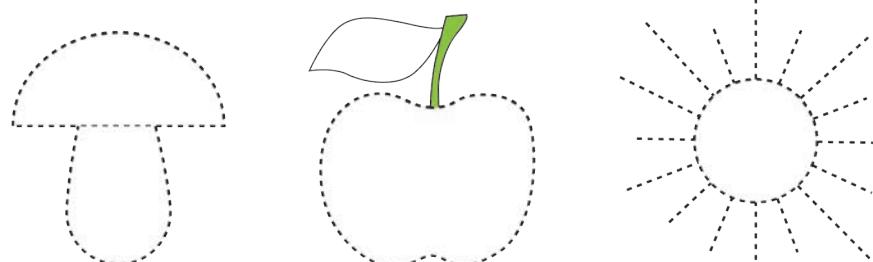
**2-nji bap
2-nji ders** | **1 sany**



**2-nji bap
3-nji ders** | **2 sany**



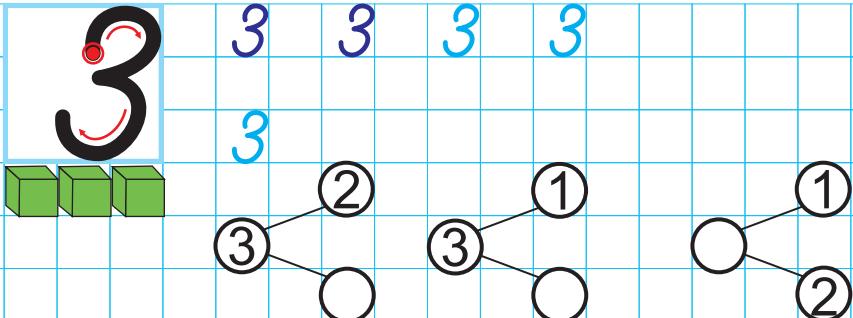
2. Suratlary degişli reňkler bilen reňkleýäris.



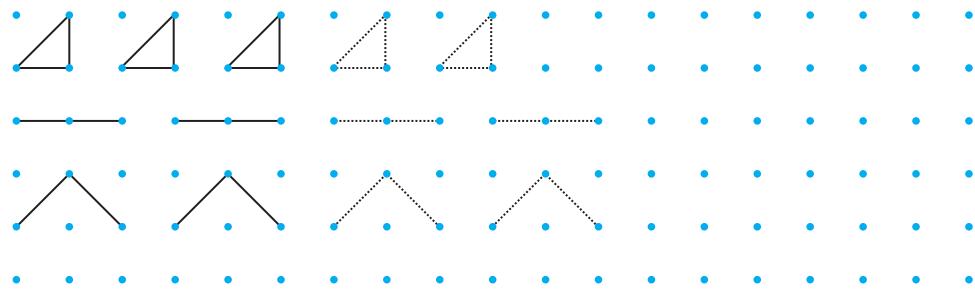
**2-nji bap
4-nji ders**

3 sany

1.



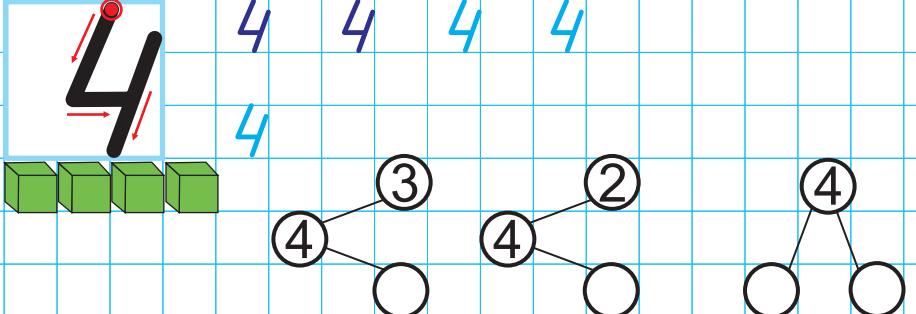
2. Nusgadaky ýaly çyzýarys.
3 nokat utgaşan bolsun.



**2-nji bap
5-nji ders**

4 sany

1.



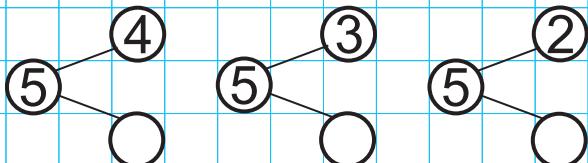
**2-nji bap
6-nji ders**

5 sany

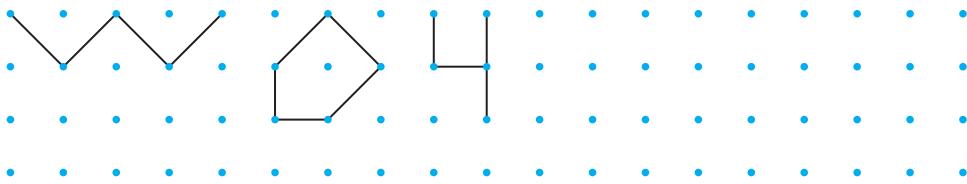
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2. Nusgadaky ýaly çyzýarys.
5 nokat utgaşan bolsun.



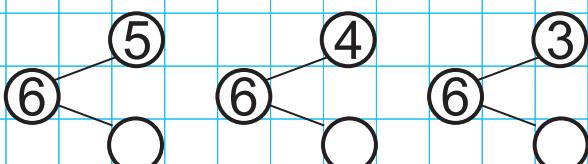
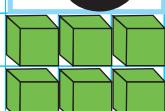
**2-nji bap
7-nji ders**

6 sany

1.



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**2-nji bap
8-nji ders**

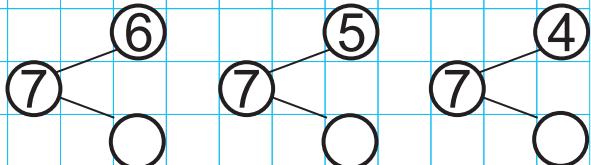
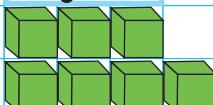
7 sany

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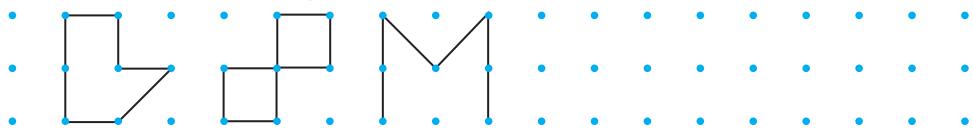


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2. Nusgadaky ýaly çyzýarys.
7 nokat utgaşan bolsun.



**2-nji bap
9-nji ders**

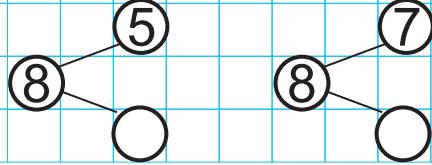
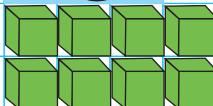
8 sany

1.

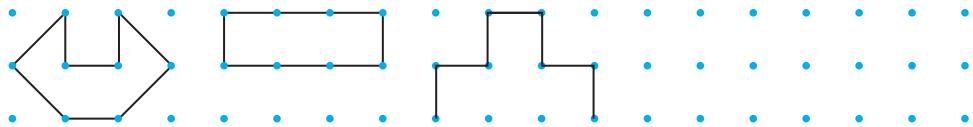


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2. Nusgadaky ýaly çyzýarys.
8 nokat utgaşan bolsun.



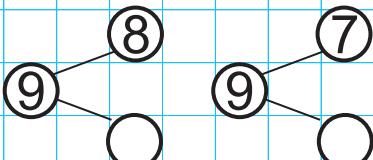
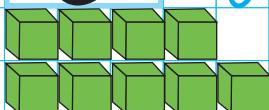
**2-nji bap
10-njy ders**

9 sany

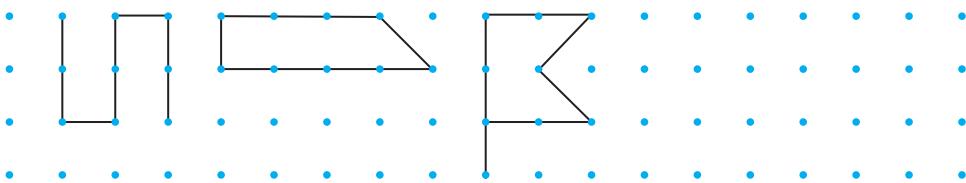
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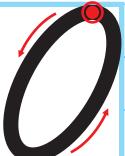
2. Nusgadaky ýaly çyzýarys.
9 nokat utgaşan bolsun.



**2-nji bap
11-nji ders**

0 sany

1.



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0

2. Dowam etdirýäris.

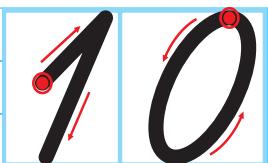
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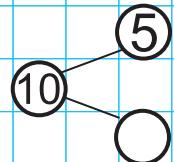
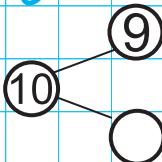
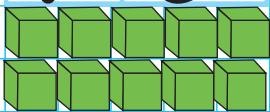
2-nji bap 12-nji ders

10 sany

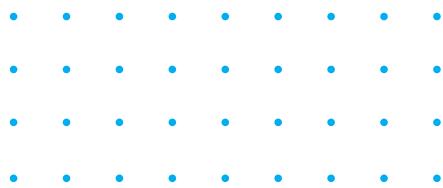
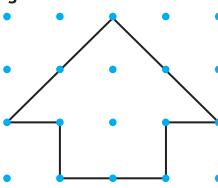
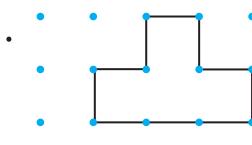
1.



10 10
10



2. Nusgadaky ýaly çyzýarys.
10 nokat utgaşan bolsun.



2-nji bap 13-nji ders

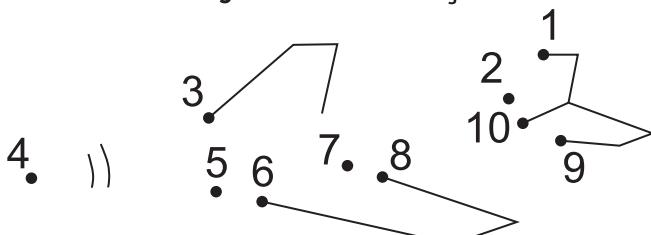
10 sany

1. Dowam etdirýäris.

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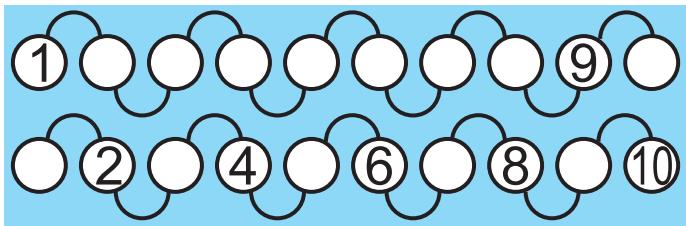
2. Nokatlary utgaşdyrýarys, gök we ýaşyl
reňke reňkleýäris. Nähili şekil emele geldi?



2-nji bap 14-nji ders

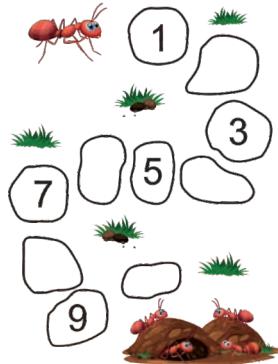
Jübüt we täk sanlar

1. Jedweldäki täk sanlary reňkleýarıs.



	2	
4		6
	8	

2. Düşürlip galdyrylan sanlary ýazýarys.



		3
	5	

	5	
		9

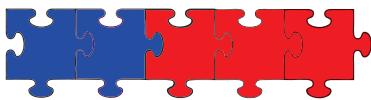
1		
		9

3. Birinji jedwelde täk sanlary ýaşyl, ikinji jedwelde jübüt sanlary gök, üçünji jedwelde sanlary dürli reňklere reňkleýarıs.

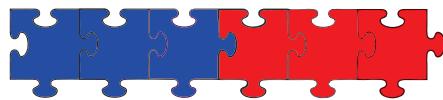
1	2	3
4	5	6
7	8	9

1	2	3
4	5	6
7	8	9

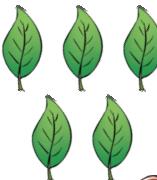
1	2	3
4	5	6
7	8	9

**2-nji bap
15-nji ders**
«+», «-», «=» belgileri


$2 + 3 = \square$

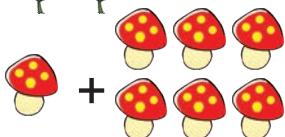


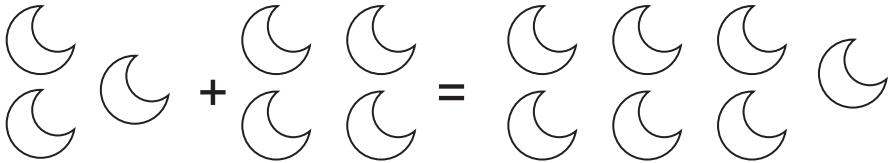
$3 + 3 = \square$

1. Gözenegе degişli sany ýazýarys.


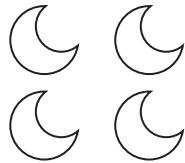
+


 $= \square$

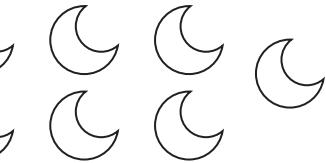
 $= \square$

 $= \square$

 $= \square$
2. Hasaplaýarys, reňkleýäris we ýazýarys.


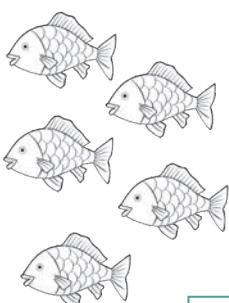
+



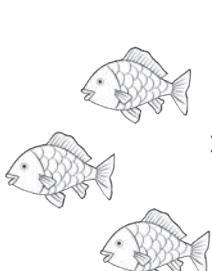
=



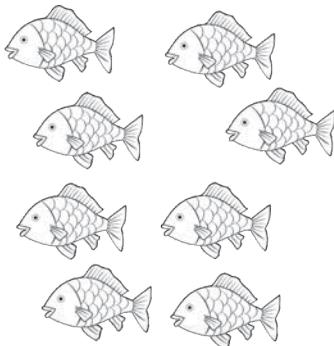
$\square + \square = \square$

3. Reňkleýäris we hasaplaýarys.


+



=

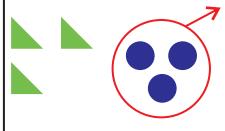
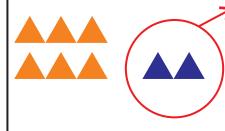
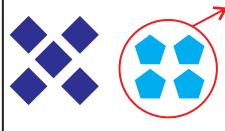


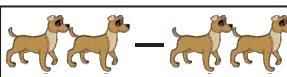
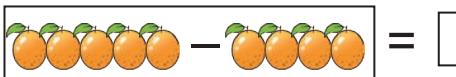
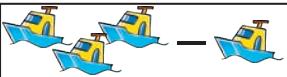
$\square + \square = \square$

2-nji bap 16-njy ders

«+», «-», «=» belgileri

1. Boş gözenekleri doldurýarys.

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

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

2. Hasaplaýarys.

$$6 - \square = 6 \quad 9 - \square = 5$$

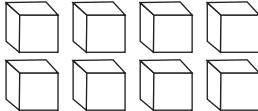
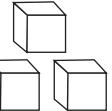
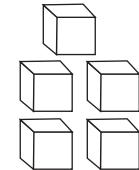
$$8 - \square = 6 \quad 8 - \square = 7$$

$$9 - \square = 6 \quad 7 - \square = 3$$



$$4 - 1 = 3 \quad \square - \square = \square \quad \square - \square = \square$$

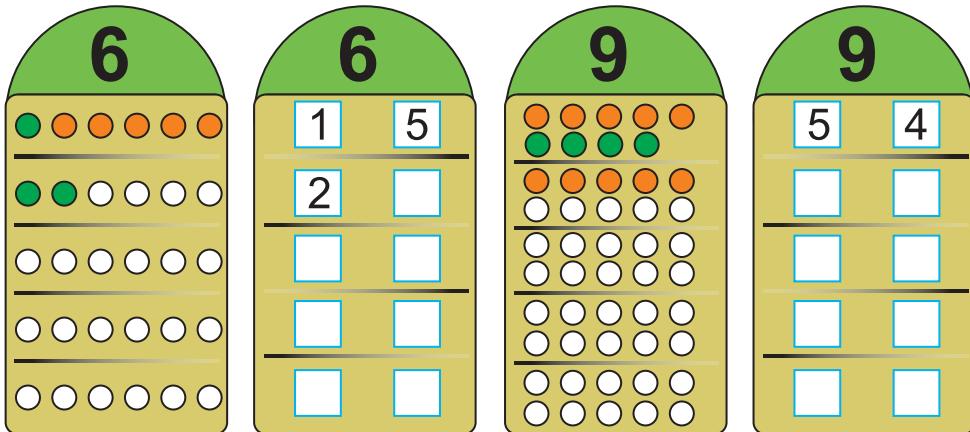
3. Hasaplaýarys, reňkleýäris.

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

2-nji bap 17-nji ders

«+», «-», «=» belgileri

1. Sanlaryň düzümini ýazýarys we reňkleýäris.



2. Tegelejikleri sanap goşýarys we reňkleýäris.

$$\textcircled{\text{○}} \textcircled{\text{○}} \textcircled{\text{○}} + \textcircled{\text{○}} \textcircled{\text{○}} \textcircled{\text{○}} = \textcolor{red}{\textcircled{\text{○}}} \textcolor{red}{\textcircled{\text{○}}} \textcolor{red}{\textcircled{\text{○}}} \textcolor{red}{\textcircled{\text{○}}} \textcolor{red}{\textcircled{\text{○}}} \textcolor{red}{\textcircled{\text{○}}} \textcircled{\text{○}}$$

$$\textcircled{\text{○}} \textcircled{\text{○}} \textcircled{\text{○}} + \textcircled{\text{○}} \textcircled{\text{○}} = \textcircled{\text{○}} \textcircled{\text{○}} \textcircled{\text{○}} \textcircled{\text{○}} \textcircled{\text{○}} \textcircled{\text{○}} \textcircled{\text{○}} \textcircled{\text{○}}$$

3. Hasaplap, jogabyny ýazýarys.

$$\begin{array}{c} \text{airplane} \\ + \end{array} \quad \begin{array}{c} \text{airplane} \\ = \end{array}$$

$$\begin{array}{c} \text{soccer ball} \\ \text{soccer ball} \\ \text{soccer ball} \\ + \end{array} \quad \begin{array}{c} \text{soccer ball} \\ = \end{array}$$

$$\begin{array}{c} \text{car} \\ \text{car} \\ + \end{array} \quad \begin{array}{c} \text{car} \\ = \end{array}$$

4. Boş gözeneklere degişli sanlary tapýarys.

$$\boxed{3} + \boxed{} = \boxed{5}$$

$$\boxed{9} - \boxed{} = \boxed{6}$$

$$\boxed{8} - \boxed{} = \boxed{4}$$

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

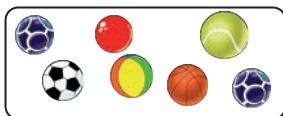
$$\boxed{2} + \boxed{} = \boxed{9}$$

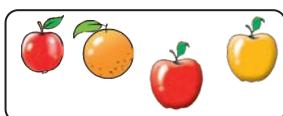
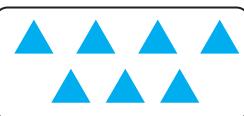
$$\boxed{6} - \boxed{} = \boxed{2}$$

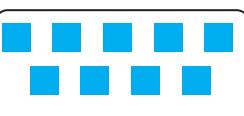
2-nji bap 18-nji ders

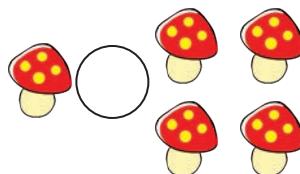
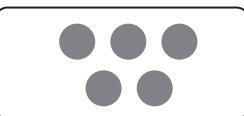
Toparlary deňeşdirmek

1. belgilerinden degişlisini goýýarys.

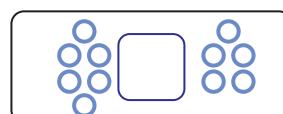
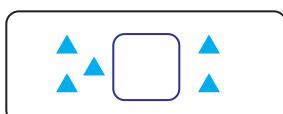
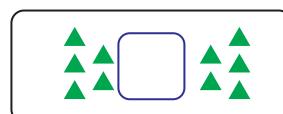
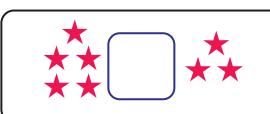
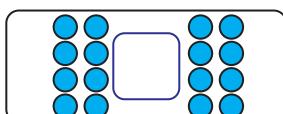
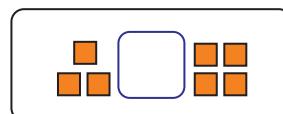
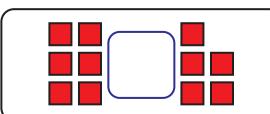
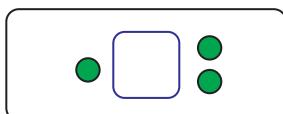




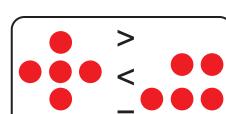
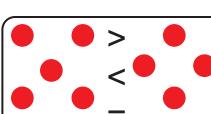
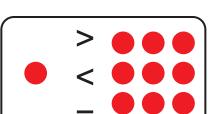
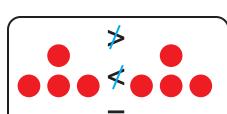
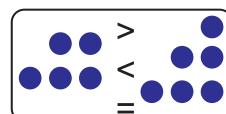
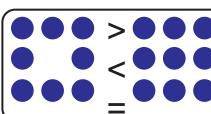
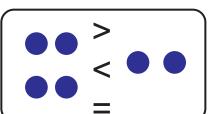
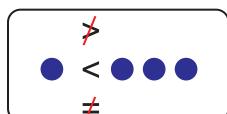




2. Deňeşdirýäris.



3. Belgilerden gabat gelmedigini ölçürýäris.



**2-nji bap
19-njy ders**

**1-den 10-a çenli bolan
sanlary deňeşdirmek**

1. belgilerinden degişlisini goýýarys.

1 2 3 4 5 6 7 8 9 10

>

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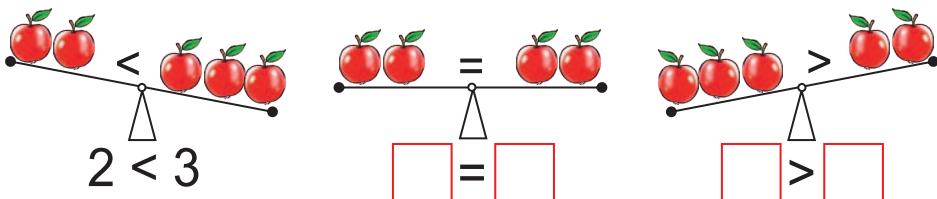
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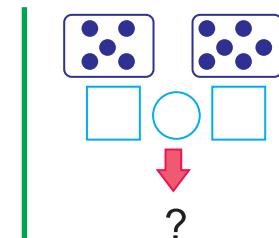
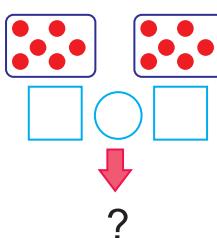
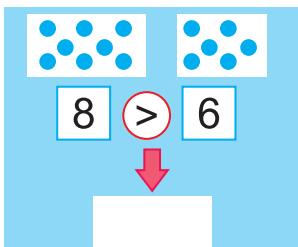
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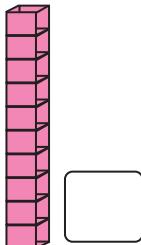
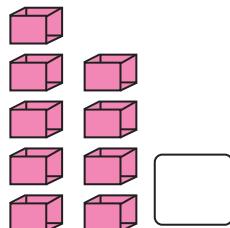
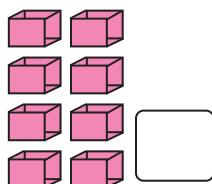
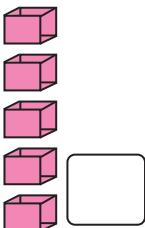
>



2. Deňeşdirýäris.



3. Sanaýarys we ýazýarys.



**2-nji bap
20-nji ders**

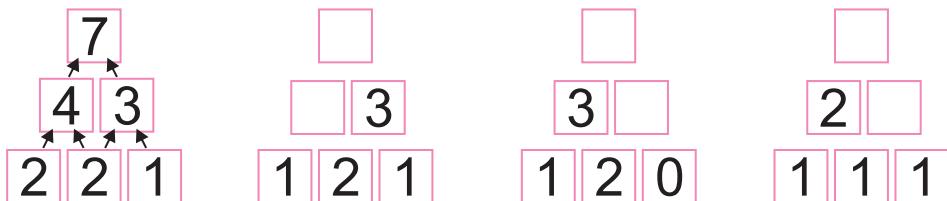
Hepde. Hepdäniň günleri

1. Hepdäniň günleriniň tertibini görkezýän sanlary ýazýarys.

Duşenbe	1	Çarşenbe hepdäniň haýsy günü?
Sişenbe		Hepdäniň annadan öňki günü haýsy?
Çarşenbe		
Penşenbe		Sişenbedan iki gün soň haýsy gün gelýär, bir gün öň haýsy?
Anna		
Şenbe		Şenbe hepdäniň näçenji günü?
Ýekşenbe	7	

2. Nusgadaky ýaly ýerine ýetirýäris:

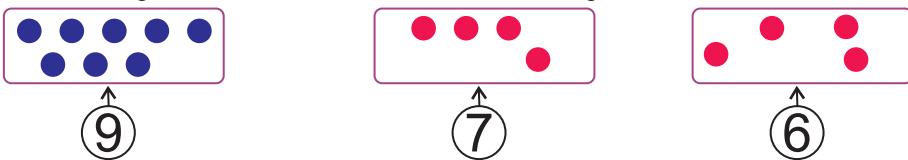
$$2+2=4, 2+1=3, 4+3=7$$



3. Dogry jogaplaryny tapýarys.

	+		=	4	5	6
	+		=	7	8	9
	+		=	7	8	9

4. Yetişmeyän tegelejikleri çyzýarys.



3-nji bap 1-nji ders

Goşmak amalynyň düzüm bölekleri

1. Hasaplaýarys.

$$\boxed{\text{7 blocks}} + \boxed{\text{3 blocks}} = 10$$

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

$$6 + 3 = \boxed{}$$

$$3 + 4 = \boxed{}$$

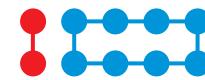
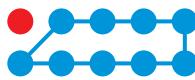
$$6 - 4 = \boxed{}$$

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

$$4 + 3 = \boxed{}$$

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

$$3 + 4 = \boxed{}$$

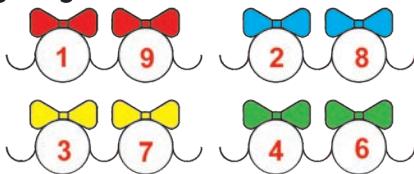


$$1 + \boxed{} = \boxed{}$$

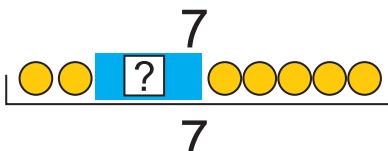
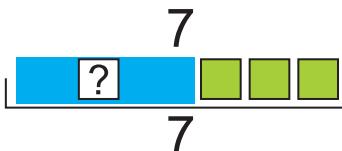
$$2 + \boxed{} = \boxed{}$$

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

2. Hasaplaýarys.



3. Gizlenen şekilleriň sanyny tapýarys.

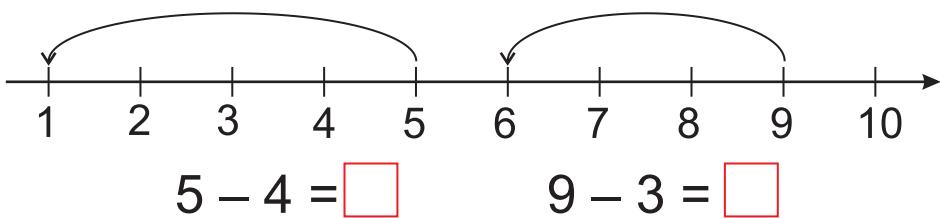
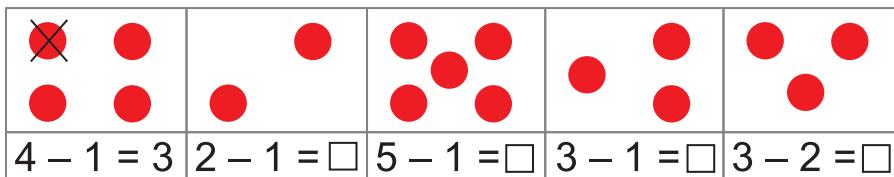


**3-nji bap
2-nji ders**

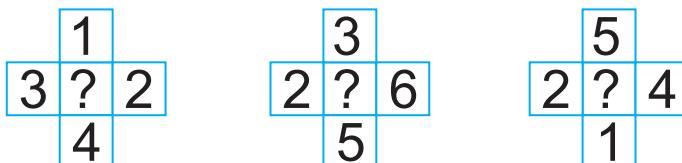
**Aýyrmak amalynyň
düzüm bölekleri**

1. Tapawutlary hasaplaýarys.

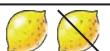
$$\boxed{6} - \boxed{1} = 5$$



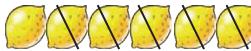
2. Sorag belgisiniň ýerindäki sany tapýarys.



3. Hasaplaýarys.



$$2 - 1 = 1$$



$$\boxed{} - \boxed{} = ?$$



$$\boxed{} - \boxed{} = ?$$



$$\boxed{} - \boxed{} = ?$$



$$\boxed{} - \boxed{} = ?$$

3-nji bap 3-nji ders

10 içinde goşmak

1. Netijeleri nusgadaky ýaly reňkleýäris.

$$\begin{array}{c} \triangle \triangle \triangle + \triangle \triangle \triangle = \textcolor{red}{\triangle} \triangle \triangle \triangle \triangle \triangle \\ \textcolor{cyan}{\circle{1}} \textcolor{cyan}{\circle{1}} \textcolor{cyan}{\circle{1}} + \textcolor{cyan}{\circle{1}} \textcolor{cyan}{\circle{1}} = \textcolor{cyan}{\circle{1}} \textcolor{cyan}{\circle{1}} \textcolor{cyan}{\circle{1}} \textcolor{cyan}{\circle{1}} \textcolor{cyan}{\circle{1}} \textcolor{cyan}{\circle{1}} \textcolor{cyan}{\circle{1}} \\ \square \square + \square \square = \square \square \square \square \\ \textcolor{red}{\circle{1}} \textcolor{red}{\circle{1}} \textcolor{red}{\circle{1}} \textcolor{red}{\circle{1}} + \textcolor{orange}{\circle{1}} \textcolor{orange}{\circle{1}} \textcolor{orange}{\circle{1}} \textcolor{orange}{\circle{1}} = \textcolor{orange}{\circle{1}} \textcolor{orange}{\circle{1}} \textcolor{orange}{\circle{1}} \textcolor{orange}{\circle{1}} \\ \square + \square = \square \quad \square + \square = \square \end{array}$$

2. Hasaplaýarys.

$$\begin{array}{r} 4 \\ + 5 \\ \hline \square \end{array} \quad \begin{array}{r} 5 \\ + 4 \\ \hline \square \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline \square \square \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline \square \end{array} \quad \begin{array}{r} 1 \\ + 8 \\ \hline \square \end{array}$$

3. Mesele düzýäris we çözýäris.

$$\begin{array}{c} 6 \quad \quad \quad 4 \\ \hline ? \end{array} \quad \square + \square = \square \square$$

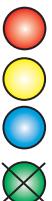
$$\begin{array}{c} \textcolor{blue}{\circle{1}} \textcolor{blue}{\circle{1}} \textcolor{blue}{\circle{1}} \textcolor{blue}{\circle{1}} \textcolor{green}{\circle{1}} \\ \square + \square = \square \end{array} \quad \begin{array}{c} \textcolor{blue}{\circle{1}} \textcolor{blue}{\circle{1}} \textcolor{blue}{\circle{1}} \textcolor{blue}{\circle{1}} \textcolor{green}{\circle{1}} \rightarrow \\ \square - \square = \square \end{array} \quad \begin{array}{c} \textcolor{blue}{\circle{1}} \textcolor{blue}{\circle{1}} \textcolor{blue}{\circle{1}} \textcolor{blue}{\circle{1}} \leftarrow \textcolor{green}{\circle{1}} \textcolor{green}{\circle{1}} \\ \square - \square = \square \end{array}$$

4. Değişli sanlary tapýarys.

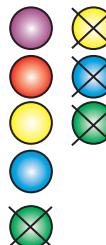
$$\begin{array}{c} \textcolor{red}{\bullet} \textcolor{blue}{\bullet} \\ \textcolor{red}{\bullet} \end{array} \quad \begin{array}{c} 4 \\ 2 \quad 1 \end{array} \quad \begin{array}{c} \textcolor{blue}{\bullet} \textcolor{blue}{\bullet} \\ \textcolor{blue}{\bullet} \end{array} \quad \begin{array}{c} 4 \\ 1 \end{array} \quad \begin{array}{c} \textcolor{red}{\bullet} \textcolor{blue}{\bullet} \\ \textcolor{blue}{\bullet} \end{array} \quad \begin{array}{c} 5 \\ 2 \quad 1 \end{array}$$

**3-nji bap
4-nji ders**
10 içinde aýyrmak
1. Hasaplaýarys.

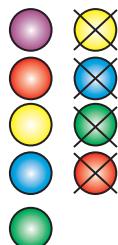

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$



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



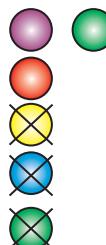
$$\begin{array}{r} \square \\ - \square \\ \hline \square \end{array}$$



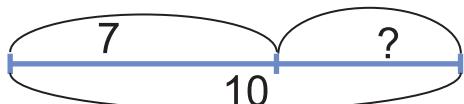
$$\begin{array}{r} \square \\ - \square \\ \hline \square \end{array}$$



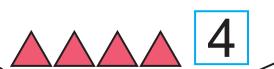
$$\begin{array}{r} \square \\ - \square \\ \hline \square \end{array}$$



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

2. Mesele düzýäris we çözýäris.


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

3. Deňesdirýäris.


$$3 > 2$$

$$\square > \square$$

$$\square = \square$$

$$2 < 3$$

$$\square < \square$$

3-nji bap | 10 içinde goşmak we 5-nji ders | aýyrmak

1. Hasaplayýarys.

$$\begin{array}{c} \text{dice} \\ \bullet \cdot \\ \bullet \end{array} + \begin{array}{c} \text{dice} \\ \bullet \bullet \cdot \\ \bullet \end{array} = \boxed{}$$

$$\begin{array}{c} \text{dice} \\ \bullet \bullet \bullet \\ \bullet \end{array} - \begin{array}{c} \text{dice} \\ \bullet \bullet \cdot \\ \bullet \end{array} = \boxed{}$$

$$\begin{array}{c} \text{dice} \\ \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \text{dice} \\ \bullet \cdot \cdot \\ \bullet \end{array} = \boxed{}$$

$$\begin{array}{c} \text{dice} \\ \bullet \bullet \bullet \\ \bullet \end{array} - \begin{array}{c} \text{dice} \\ \bullet \bullet \\ \bullet \end{array} = \boxed{}$$

$$\begin{array}{c} \text{dice} \\ \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \text{dice} \\ \bullet \bullet \bullet \\ \bullet \bullet \end{array} = \boxed{}$$

$$\begin{array}{c} \text{dice} \\ \bullet \bullet \bullet \\ \bullet \bullet \end{array} - \begin{array}{c} \text{dice} \\ \bullet \bullet \bullet \\ \bullet \bullet \end{array} = \boxed{}$$



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



$$8 + 1 = \boxed{}$$

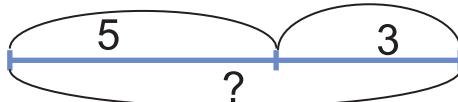


$$7 + 2 = \boxed{}$$



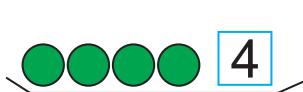
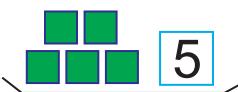
$$3 + 3 = \boxed{}$$

2. Mesele düzýäris we çözýäris.



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

3. Deňeşdirýäris.



$$5 > 3$$

$$3 < 5$$

$$\boxed{} > \boxed{}$$

$$\boxed{} < \boxed{}$$

$$\boxed{} < \boxed{}$$

$$\boxed{} > \boxed{}$$

3-nji bap

10 içinde goşmak we

6-njy ders

aýymak

1. Hasaplaýarys.

$2 + 6 = \underline{\quad}$
 $6 + 2 = \underline{\quad}$
 $8 - 2 = \underline{\quad}$
 $8 - 6 = \underline{\quad}$

$2 + \underline{\quad} = 6$
 $4 + \underline{\quad} = 6$
 $6 - \underline{\quad} = 4$
 $6 - \underline{\quad} = 2$

$\underline{\quad} + 4 = 6$
 $\underline{\quad} + 2 = 6$
 $\underline{\quad} - 2 = 4$
 $\underline{\quad} - 4 = 2$



$8 - 2 = \boxed{\quad}$



$6 - 4 = \boxed{\quad}$

$8 - 3 = 5$



$5 - 1 = \boxed{\quad}$



$9 - 3 = \boxed{\quad}$

$3 + 5 = \boxed{\quad}$

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

$= \boxed{9}$

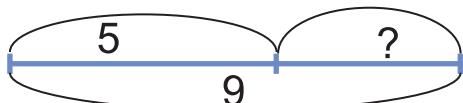
$+ \boxed{\quad} = \boxed{\quad}$

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

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

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

2. Mesele düzýäris we çözýäris.



$\boxed{\quad} - \boxed{\quad} = \boxed{\quad}$

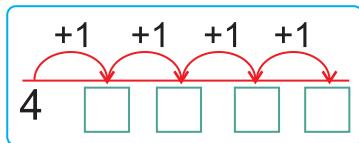
3-nji bap 7-nji ders

Sany birnäçe birlige artdyrmak we kemeltmek

1. Boş gözenekleri doldurýarys.

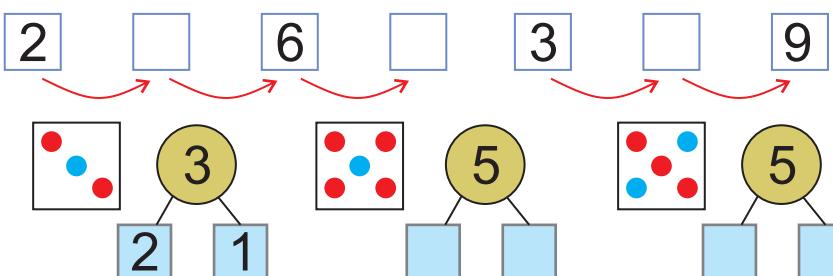
$$\begin{array}{|c|c|c|} \hline \textcolor{orange}{\boxed{}} & \textcolor{orange}{\boxed{}} & \textcolor{orange}{\boxed{}} \\ \hline \end{array} + \begin{array}{|c|} \hline \textcolor{orange}{\boxed{}} \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|c|} \hline \textcolor{orange}{\boxed{}} & \textcolor{orange}{\boxed{}} & \textcolor{orange}{\boxed{}} & \textcolor{orange}{\boxed{}} \\ \hline \end{array}$$

$$3 + \square = 4$$



$$\begin{array}{|c|c|} \hline \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} \\ \hline \end{array} \quad \begin{array}{|c|c|c|c|} \hline \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} \\ \hline \end{array} \rightarrow \begin{array}{|c|c|c|c|c|c|c|} \hline \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} & \textcolor{blue}{\boxed{}} \\ \hline \end{array}$$

$$2 + \square = 6$$



2. Nusgadaky ýaly ýerine ýetirýärис.

$$\begin{array}{ccccccc} & & +1 & & +2 & & \\ \hline & 1 & 2 & 3 & 4 & 5 & 6 \\ & & \nearrow & & \searrow & & \\ & & 5 & & 7 & & \end{array} \qquad 5 - 2 - 2 = \boxed{1}$$

$$\begin{array}{ccccccc} & & -3 & & -1 & & \\ \hline & 1 & 2 & 3 & 4 & 5 & 6 \\ & & \searrow & & \nearrow & & \\ & & 2 & & 4 & & \end{array} \qquad 2 + 1 + 2 = \boxed{}$$

$$\begin{array}{ccccccc} & & -2 & & -2 & & \\ \hline & 1 & 2 & 3 & 4 & 5 & 6 \\ & & \searrow & & \nearrow & & \\ & & 3 & & 5 & & \end{array} \qquad 6 - 1 - 3 = \boxed{}$$

3. Hasaplayýarys.

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

$$8 - 8 = \boxed{}$$

$$5 - 5 = \boxed{}$$

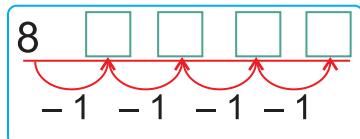
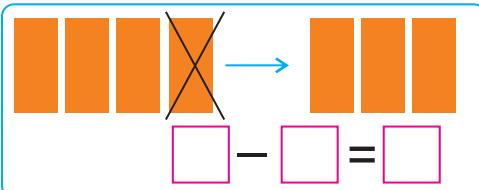
$$4 - 4 = \boxed{}$$

$$9 - 9 = \boxed{}$$

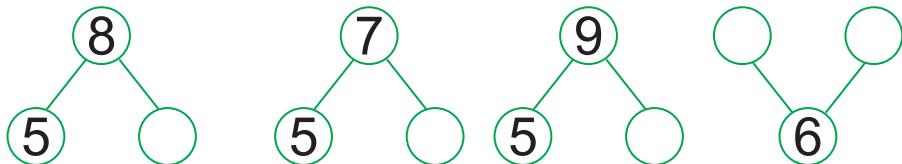
$$6 - 6 = \boxed{}$$

**3-nji bap
8-nji ders**
**Sany birnäçe birlige
artdyrmak we kemeltmek**

1. Boş gözenekleri doldurýarys.



$$\boxed{} - \boxed{} = \boxed{}$$



2. Hasaplaýarys.

$$2 + 3 =$$

$$1 + 4 =$$

$$3 + \boxed{} = 5$$

$$5 - 3 =$$

$$5 - \boxed{} =$$

$$5 - \boxed{} =$$

3. Deňesdirýäris.

$$7 \boxed{} 8 \quad 9 \boxed{} 6 \quad 7 \boxed{} 10 - 1 \quad 1 \boxed{} 4 - 2$$

$$6 \boxed{} 5 \quad 4 \boxed{} 8 \quad 10 \boxed{} 9 + 1 \quad 6 \boxed{} 9 - 2$$

4. Jemi we tapawutlary tapýarys.

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

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

$$10 - 1 = \boxed{}$$

$$5 - 2 = \boxed{}$$

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

$$9 - 1 = \boxed{}$$

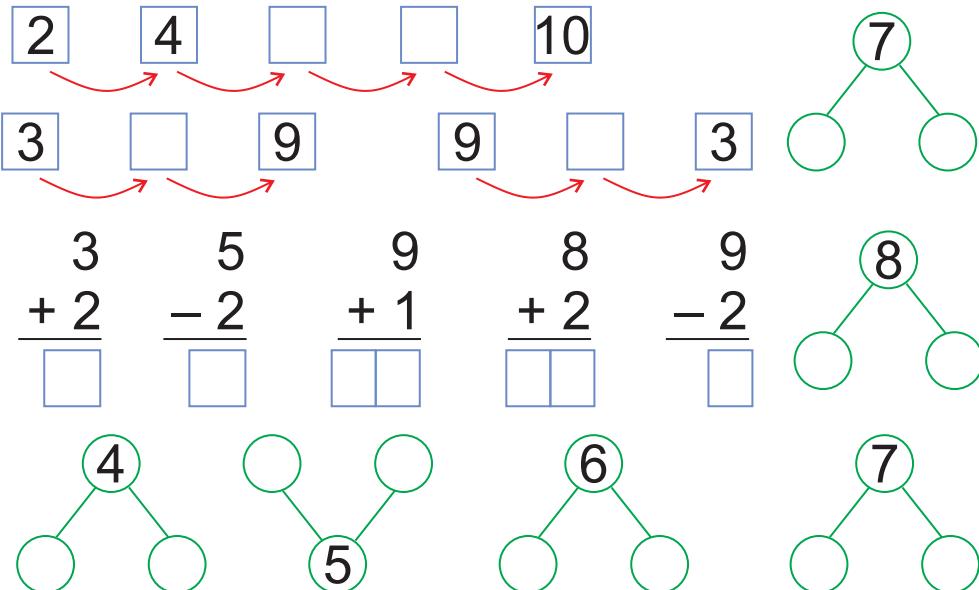
$$5 - 3 = \boxed{}$$

$$4 - 1 = \boxed{}$$

$$8 - 1 = \boxed{}$$

3-nji bap 9-njy ders | “... san artdyrmak” we “... san kemeltmek” düşunjeleri

1. Boş gözenekleri doldurýarys.



2. Näçe banan galdy?



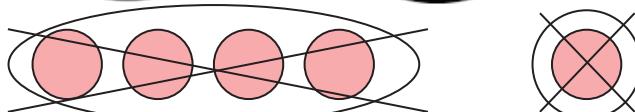
3. Hasaplayýarys.

$\underline{5 + 1 + 1}$	$\underline{9 - 1 - 1}$	$\underline{8 - 1 - 1}$
$5 + 1 = \boxed{}$	$9 - 1 = \boxed{}$	$8 - 1 = \boxed{}$
$6 + 1 = \boxed{}$	$8 - 1 = \boxed{}$	$7 - 1 = \boxed{}$

$$7 - 2 - 2 = \boxed{}$$

**3-nji bap
10-njy ders**
**Nol gatnaşmagynda
goşmak we aýyrmak**

1. Boş gözenekleri doldurýarys.



$4 - 4 = \square$

$1 - 1 = \square$

2. Hasapláýarys.

$3 - 3 = \square$

$5 - 5 = \square$

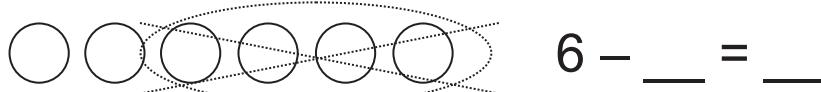
$9 - 9 = \square$

$8 - 8 = \square$

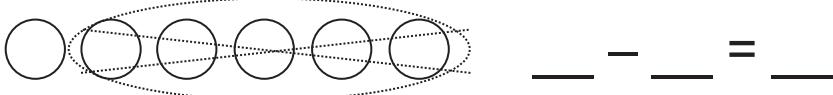
$4 - 4 = \square$

$6 - 6 = \square$

3. Hasaplamany ýerine ýetirýäris we reňkleýäris.



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



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

4. Surat esasynda hasapláýarys.

$4 + 1 = 5$

 $5 - 1 = \square$

$\square + \square = 5$

 $5 - 2 = \square$

$\square + \square = 5$

 $5 - 3 = \square$

$\square + \square = 5$

 $5 - 4 = \square$

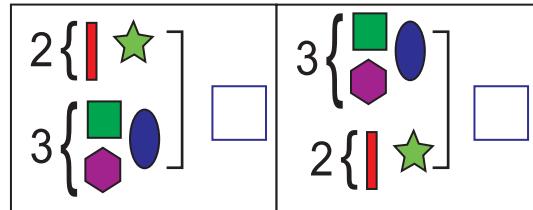
3-nji bap 11-nji ders

Goşmagyň orun çalyşma häsiýeti

1. Boş gözenekleri doldurýarys.

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

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



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

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

2. Jemleri tapýarys we deňeşdirýäris.

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

3. Hasaplayýarys.

$+ \quad \boxed{}$	$+ \quad \boxed{}$	$+ \quad \boxed{}$																		
<table border="1"> <tr><td>5</td><td>3</td></tr> <tr><td>3</td><td>5</td></tr> <tr><td>8</td><td>8</td></tr> </table>	5	3	3	5	8	8	<table border="1"> <tr><td>3</td><td>4</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td></td><td></td></tr> </table>	3	4	4	3			<table border="1"> <tr><td>8</td><td>1</td></tr> <tr><td>1</td><td>8</td></tr> <tr><td></td><td></td></tr> </table>	8	1	1	8		
5	3																			
3	5																			
8	8																			
3	4																			
4	3																			
8	1																			
1	8																			

4. Surat esasynda netijeleri tapýarys.

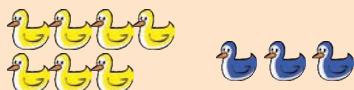
	$1 + 1 = \boxed{}$		$4 - 1 = \boxed{}$
	$2 + 1 = \boxed{}$		$3 - 1 = \boxed{}$
	$3 + 1 = \boxed{}$		$2 - 1 = \boxed{}$

**3-nji bap
12-nji ders**

**Goşmagyň orun
çalışma häsiýeti**

1. Boş gözenekleri doldurýarys.

$$7 + 3 = \boxed{}$$



$$3 + 7 = \boxed{}$$



	$5 + 0 = 5$
	$1 + \boxed{} = 5$
	$2 + \boxed{} = 5$
	$3 + \boxed{} = 5$
	$4 + \boxed{} = 5$
	$0 + \boxed{} = 5$

$$5 + 4 = 9$$

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

	$+ \quad$	
	$+ \quad$	

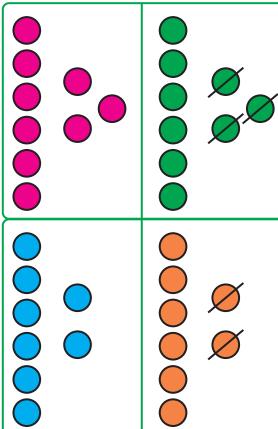
2. Nusga esasynda hasaplaýarys.

$$5 + 3 = 8 \quad 7 + 3 = 10 \quad 6 + 3 = \boxed{}$$

$$8 = 5 + 3 \quad 10 = \boxed{} + \boxed{} \quad \boxed{} = \boxed{} + \boxed{}$$

3. Surat esasynda hasaplamalary ýerine
ýetirýäris.

$$6 + 3 = \boxed{}$$



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

$$9 - 3 = \boxed{}$$

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

$$9 - 2 - 1 = \boxed{}$$

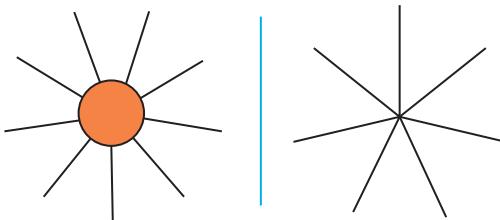
$$6 + 1 + 1 = \boxed{}$$

$$8 - 2 = \boxed{}$$

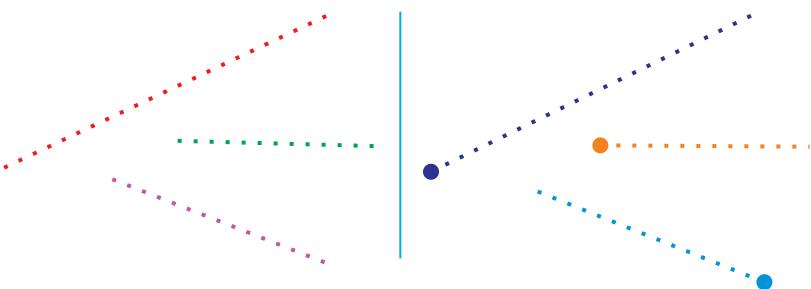
$$8 - 1 - 1 = \boxed{}$$

**3-nji bap
13-nji ders**
**Nokat. Kesim. Göni çyzyk. Şöhle.
Döwük çyzyk we egri çyzyk**

1. Suratlary deňesdirýäris we olaryň ýanyна özüне меňzesini çyzýarys.



2. Nokatlaryň üstünden çyzyp, emele gelen şekilleri deňesdirýäris.



3. Netijeleri hasaplaýarys.

$3 + 2 = \boxed{}$

$7 - 2 = \boxed{}$

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

$4 + 3 = \boxed{}$

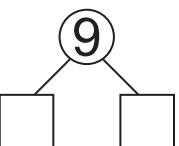
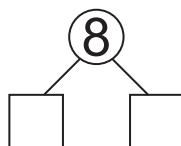
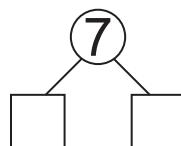
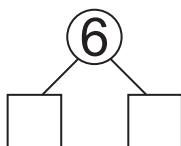
$8 - 4 = \boxed{}$

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

$6 + 1 = \boxed{}$

$9 - 1 = \boxed{}$

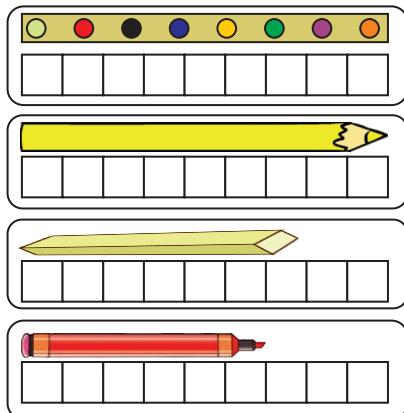
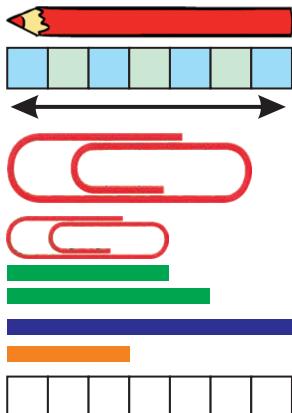
4. Boş gözenekleri dolduryýarys.



**3-nji bap
14-nji ders**

Zatlaryň uzynlygyny ölçemek

1. Zatlaryň uzynlygyny gözenekleriň sany bilen deňleşdirýäris.



2. Kemeliji we kemeldijiler nämä deň?

$10 - \square = 9$

$10 - \square = 8$

$\square - 4 = 5$

$\square - 2 = 8$

$10 - \square = 7$

$8 - \square = 6$

3. Kesimleri çen bilen deňleşdirýäris.



4. Hasaplaýarys.

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

$$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$$

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

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

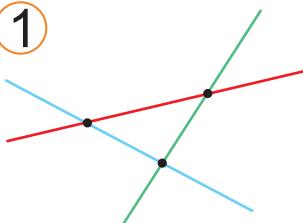
$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

4-nji bap 1-nji ders

Geometrik şekiller

1. Suratlaryň hersinde näçeden göni çyzyk bar?

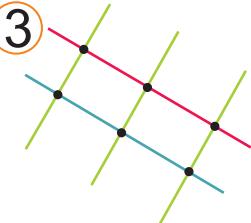
1



2

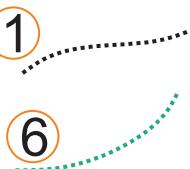


3

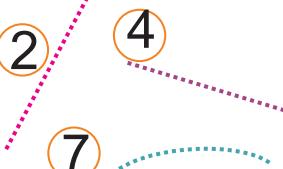


2. Nokatlaryň üstünden çyzýarys,
egri çyzyklary tapýarys.

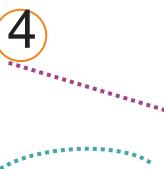
1



2



4



3



5



6



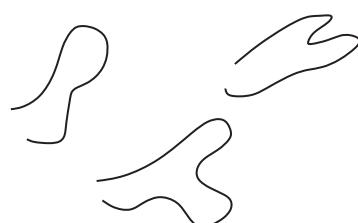
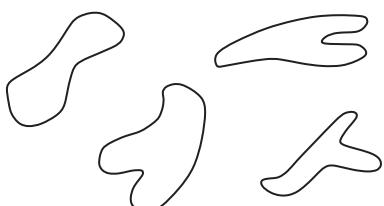
7



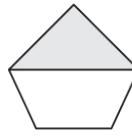
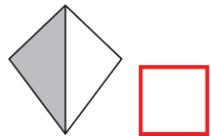
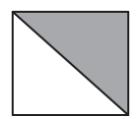
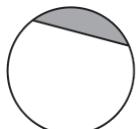
8



3. Çep we sağ tarapdaky meňzeş suratlary
reňkleýäris we deňeşdirýäris. Näme artykmaç?



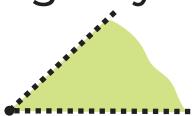
4. Haýsy şekil artykmaç?



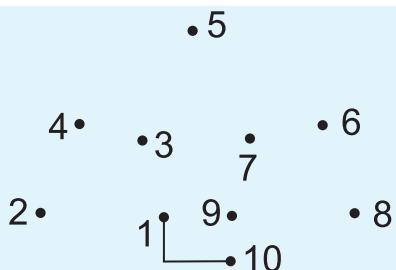
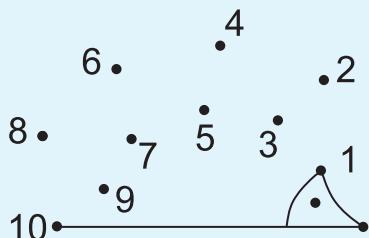
**4-nji bap
2-nji ders**

Burcuň görnüşleri

1. Nokatlaryň üstünden çyzyp, burçlar emele getirýäris.



2. Nokatlary sanlar tertibinde utgaşdyryýarys.



3. Hasaplaýarys.

$$(8 - 6) + 3 + 4 = \square \quad 9 - 3 - 5 + 7 = \square$$

4. Nähili burçlary görýärsiňiz?
Atlaryny ýazýarys.



5. Deňeşdirýäris.

$$5 \square 3$$

$$6 \square 6$$

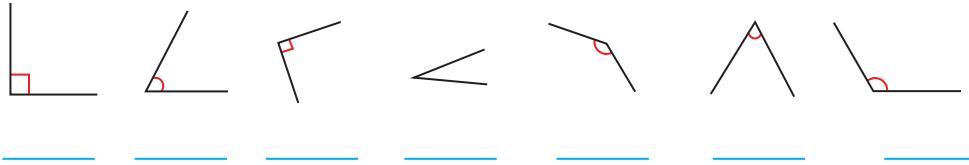
$$3 \square 5$$

$$4 \square 2$$

**4-nji bap
3-nji ders**

Burcuň görnüşleri

1. Burcuň görnüşlerini ýazýarys.

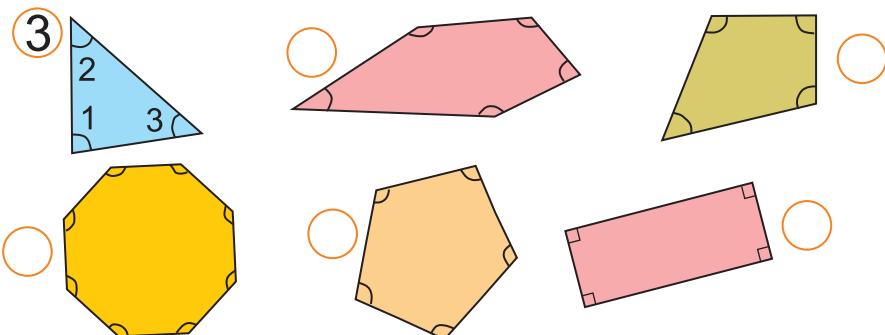


2. Hasaplasmalary ýerine ýetirýäris.

	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} - 2 \\ \hline \end{array}$	$8 + 2 = \square$
--	---	--	-------------------

3. Her bir şekilde näçedan burç bar?

Sanaýarys we ýazýarys.



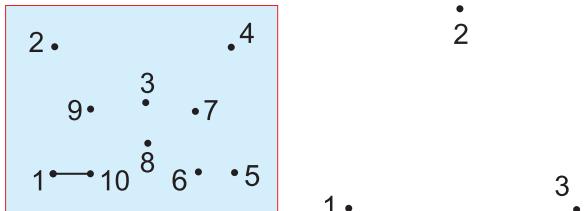
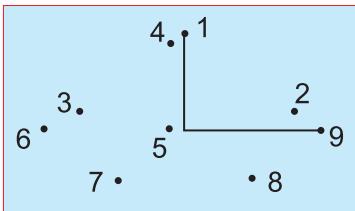
4. Hasapláýarys.

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

**4-nji bap
4-nji ders**

Üçburçluk we onuň elementleri

1. Nokatlary yzygiderlikde utgaşdyryýarys.



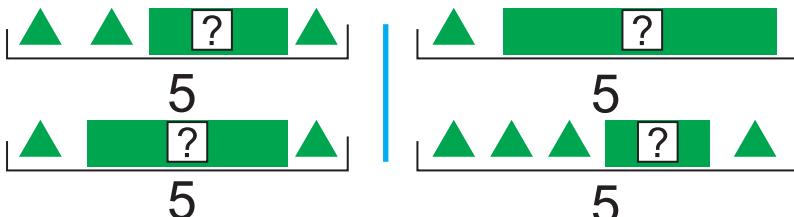
2. Deňeşdirýäris.

$$4 \square 7 \quad 6 \square 8 \quad 9 \square 1 \quad 5 \square 5 \quad 0 \square 5$$

3. Hasaplaýarys.

5	5	3	9	9	7
$+ 4$	$+ 0$	$+ 6$	$- 5$	$- 3$	$- 3$
$\underline{\hspace{1cm}}$	$\underline{\hspace{1cm}}$	$\underline{\hspace{1cm}}$	$\underline{\hspace{1cm}}$	$\underline{\hspace{1cm}}$	$\underline{\hspace{1cm}}$

4. Näçe Üçburçluk ýapyk durandygyny tapýarys.



5. Hasaplaýarys we netijeleri reňkleýäris.

Cloud equations from left to right:

- $9 - 9 =$
- $9 - 5 =$
- $9 - 2 =$
- $9 - 0 =$
- $9 - 1 =$
- $8 - 7 =$
- $9 - 3 =$
- $5 - 3 =$
- $8 - 5 =$
- $7 - 2 =$

4-nji bap 5-nji ders

Dörtburçluk we onuň elementleri

1. Çyzygyň üstünden çyzýarys we reňkleýäris.



2. Netijeleri hasaplayýarys.

$$\begin{array}{r} \times \times \times \\ \times \times \times \\ \times \end{array} \begin{array}{r} 7 \\ - 7 \\ \hline \end{array} \quad \boxed{}$$

$$\begin{array}{r} \diamond \diamond \diamond \\ \diamond \diamond \diamond \\ \times \end{array} \begin{array}{r} 10 \\ - 2 \\ \hline \end{array} \quad \boxed{}$$

$$\begin{array}{r} \times \times \times \\ \times \times \times \\ \times \end{array} \begin{array}{r} 6 \\ - 5 \\ \hline \end{array} \quad \boxed{}$$

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

$$4 + 3 = \boxed{}$$

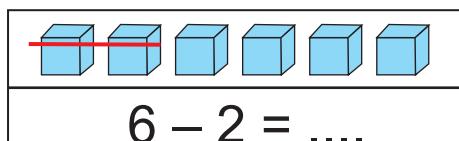
$$\begin{array}{r} \bullet \times \times \\ \times \times \times \\ \hline \end{array} \begin{array}{r} 3 \\ - 2 \\ \hline \end{array} \quad \boxed{}$$

$$\begin{array}{r} \times \times \times \\ \times \times \times \\ \times \times \end{array} \begin{array}{r} 8 \\ - 7 \\ \hline \end{array} \quad \boxed{}$$

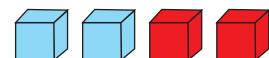
$$\begin{array}{r} \times \times \times \\ \times \times \times \\ \times \end{array} \begin{array}{r} 6 \\ - 6 \\ \hline \end{array} \quad \boxed{}$$

$$6 + 3 = \boxed{}$$

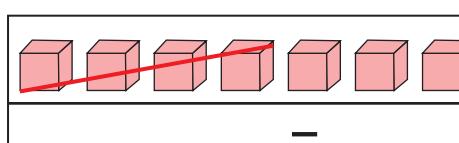
$$5 + 2 = \boxed{}$$



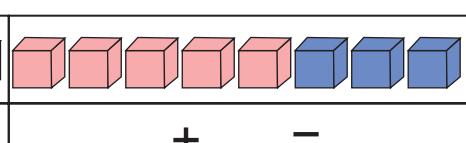
$$6 - 2 = \dots$$



$$2 + 2 = \dots$$

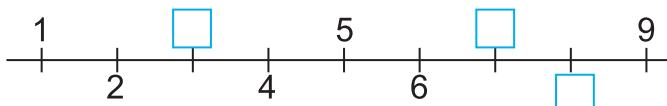


$$\dots - \dots = \dots$$



$$\dots + \dots = \dots$$

3. Boş gözenekleri doldurýarys.



$$9 - \boxed{} = 4$$

$$6 + \boxed{} = 9$$

$$\boxed{} - 6 = 3$$

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

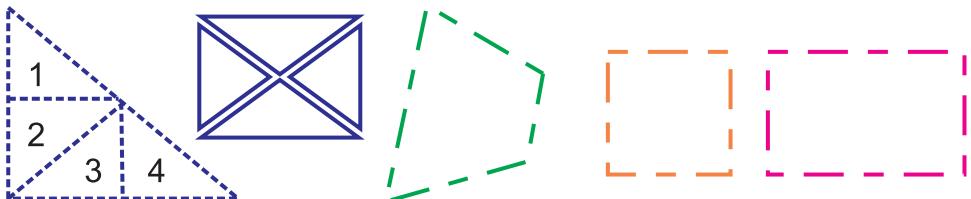
$$\boxed{} - 7 = 2$$

$$\boxed{} - 1 = 8$$

**4-nji bap
6-njy ders**

Gönüburçluk we kwadrat

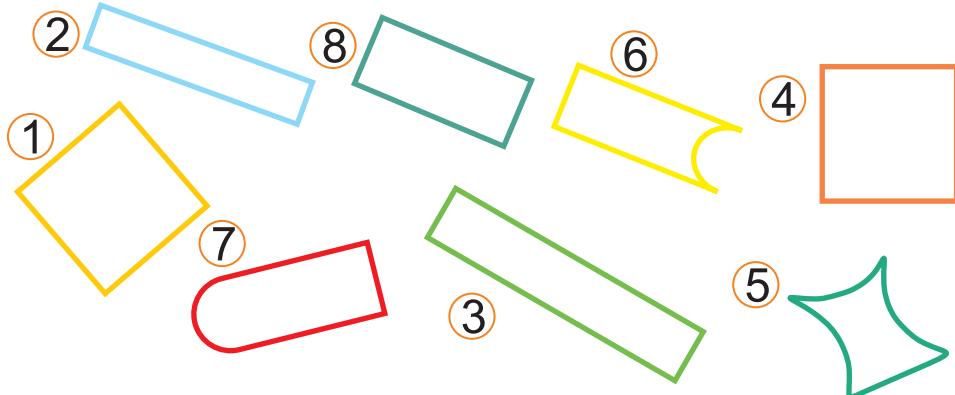
1. Şekilleri çyzýarys we reňkleýäris.



2. Netijeleri hasaplaýarys.

			$\frac{5}{+ 4} \quad \boxed{}$	$\frac{3}{+ 2} \quad \boxed{}$
--	--	--	---	---

3. Haýsy şekiller gönüburçly däl?



4. Surata garap hasaplaýarys.

--	--

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

**4-nji bap
7-nji ders**

Köpburçluklar

1. Haýsysy köpburçluk däl?
Köpburçluklary reňkleýäris.



2. Boş gözenekleri doldurýarys.

$$\begin{array}{ccccc} 6 & + & 1 & - & 2 \\ \textcircled{6} & \textcircled{1} & \textcircled{2} & \textcircled{2} & \textcircled{2} \\ \hline & - & & - & + \\ & \textcircled{1} & & \textcircled{4} & \textcircled{5} \end{array} = \boxed{}$$

$$\begin{array}{ccccc} 9 & - & 3 & - & 3 \\ \textcircled{9} & \textcircled{3} & \textcircled{3} & \textcircled{1} & \textcircled{4} \\ \hline & - & & - & - \\ & \textcircled{5} & & & \end{array} = \boxed{}$$

$$6 + 1 = 7$$

$$5 + 2 =$$

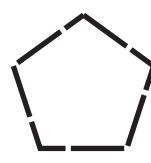
$$4 + 3 =$$

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

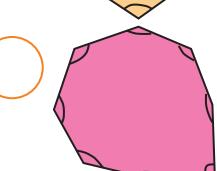
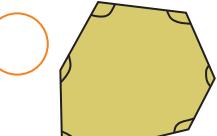
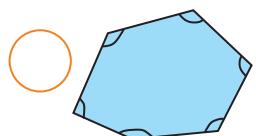
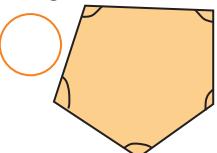
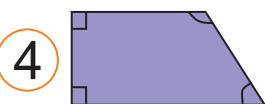
$$\boxed{} + \boxed{} =$$

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

3. Meňzeş şekilleri birmeňzeş reňke reňkleýäris.



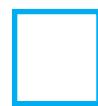
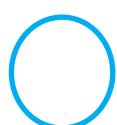
4. Burçlary sanáýarys we ýazýarys.



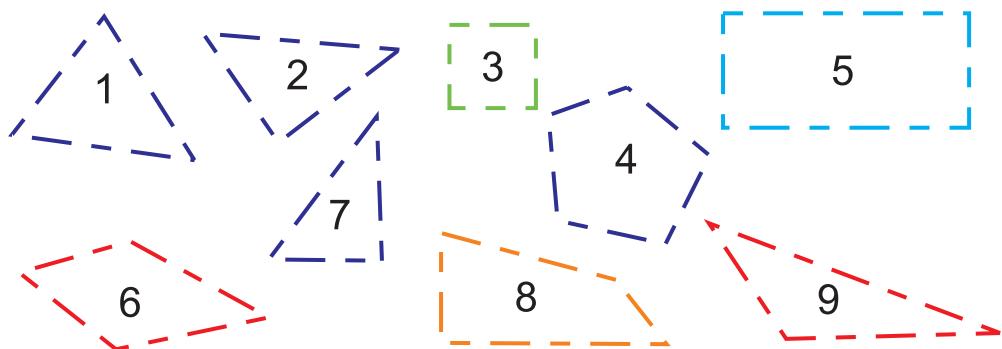
**4-nji bap
8-nji ders**

Köpburçluklar

1. Köpburçluklary anyklap, olary reňkleýäris.



2. Şekilleri çyzýarys, içinden üçburçluklary we dörtburçluklary görkezýäris.



3. Hasaplaýarys.

$$\text{pink circles} + \text{blue circles} = \dots$$

$$\text{purple circles} + \text{red circles} = \dots$$

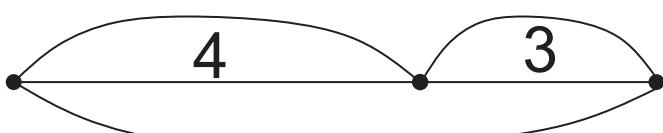
$$\text{orange circles} + \text{green circles} = \dots$$

$$\text{pink circles} + \text{pink circles} = \dots$$

$$\text{red circles} + \text{orange circles} = \dots$$

$$\text{blue circles} + \text{orange circles} = \dots$$

4. Mesele düzýäris we çözýäris.



$$4 + 3 = \square$$

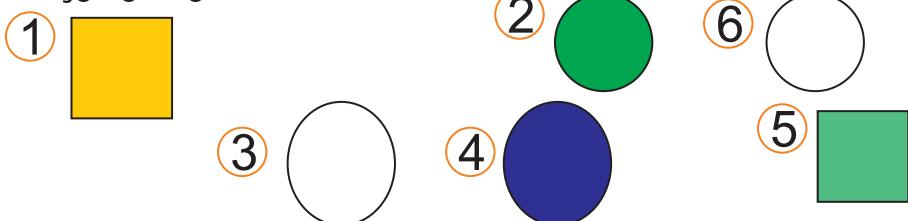


**4-nji bap
9-njy ders**
Töwerek we tegelek

1. Çyzýarys we köpburçluklary reňkleyýarıs.



2. Şekillerde näme artykmaç? Ony üstünden çyzýarys.



3. Sanlar nähili tertipde ýerleşen?



4. Hasaplaýarys.



$1 + 4 = \boxed{}$

$3 + \boxed{} = 9$

$8 - 1 = \boxed{}$

$9 - 3 = \boxed{}$

5. Deňeşdirýarıs.

$6 \boxed{} 7$

$0 \boxed{} 5$

$8 \boxed{} 3$

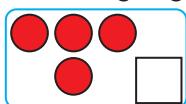
$4 \boxed{} 9$

$5 \boxed{} 8$

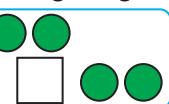
$5 \boxed{} 4$

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

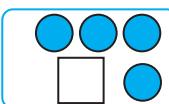
1. Yetişmeyän şekilleriň sanyny ýazýarys.



9

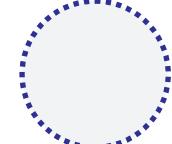
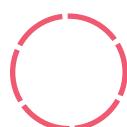


8

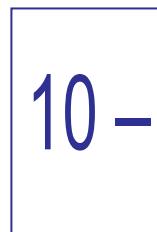
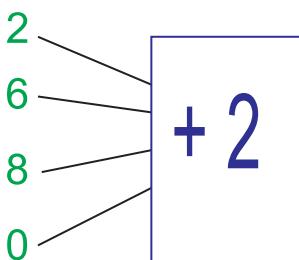


8

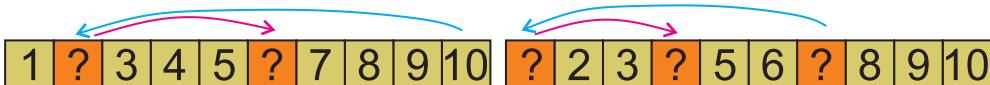
3. Şekilleri çyzýarys we reňkleýäris.
Haýsysy tegelek?



4. Netijeleri degişli ýerlere ýazýarys.



5. Hasaplaýarys.



$$2 + 4 = \square$$

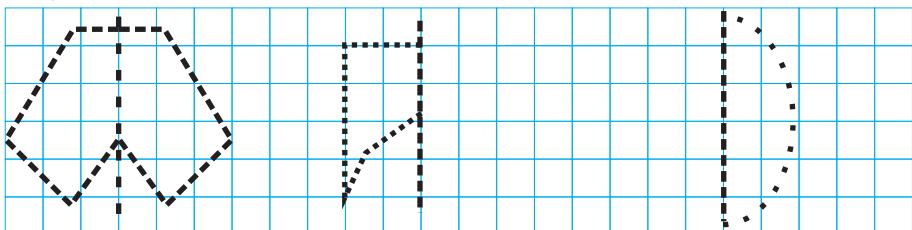
$$10 - 8 = \square$$

$$1 + \square = 4$$

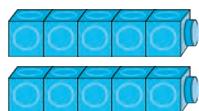
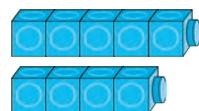
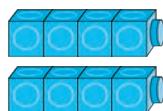
$$7 - 6 = \square$$

**4-nji bap
11-nji ders**
Simmetriя

1. Nusga esasynda şekiliň ikinji bölegini çyzyarys.



2. Boş gözenekleri doldurýarys.



$\square + \square = 8 \quad \square + \square = 9 \quad \square + \square = 10$

3. Haýsy bölekler özara simmetrik hasaplanýar? Olary reňkleýäris.

3

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4. Hasaplayýarys.

$5 + 1 = \square$

$8 - 2 = \square$

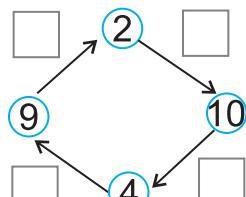
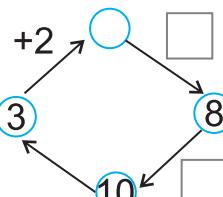
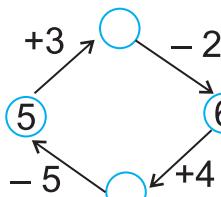
$8 + 2 = \square \square$

$7 + 2 = \square$

$7 - 4 = \square$

$9 + 1 = \square \square$

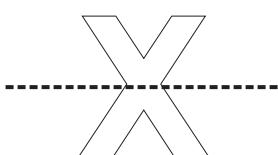
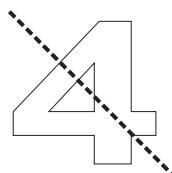
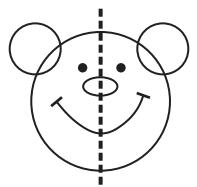
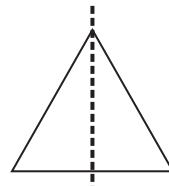
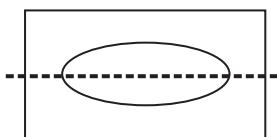
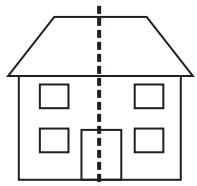
5. Yzygiderlik esasynda hasaplayýarys.



**4-nji bap
12-nji ders**

Simmetriýa

1. Şekilleriň bölekleri özara simmetrik ýerleşenmi? Olary reňkleyäris.



2. Boş gözenekleri doldurýarys.



$$\boxed{} - \boxed{} = 5$$

$$\boxed{} - \boxed{} = 6$$

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

$$6 + \boxed{} = 10$$

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

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

3. Hasaplaýarys.

$$7 - 5 = \boxed{}$$

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

$$7 + 3 = \boxed{}$$

$$4 + 3 = \boxed{}$$

$$3 + 6 = \boxed{}$$

$$10 - 9 = \boxed{}$$

4. Deňeşdirýäris.

$$7 \boxed{} 7$$

$$6 \boxed{} 5$$

$$7 \boxed{} 2$$

$$9 \boxed{} 10$$

$$8 \boxed{} 9$$

$$4 \boxed{} 8$$

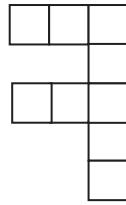
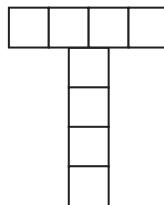
$$3 \boxed{} 4$$

$$10 \boxed{} 1$$

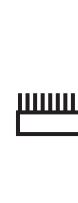
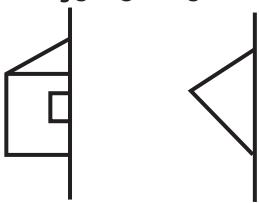
**4-nji bap
13-nji ders**

Simmetriýa

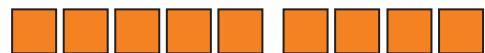
1. Şekiller özara simmetrik ýerleşenmi?



2. Suratlaryň ikinji ýarysyny simmetrik çyzýarys.



3. Jemleri tapýarys we netijäni barlayýarys.



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

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

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

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

$$8 - \boxed{} = 5$$

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

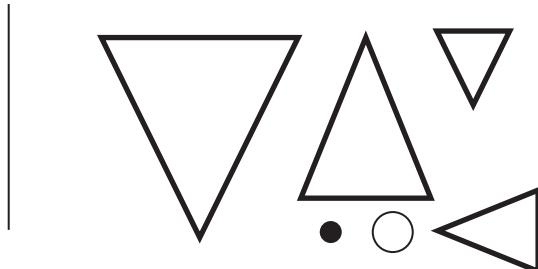
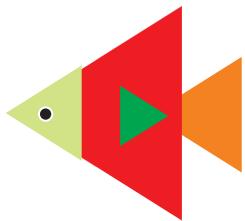
4. Hasaplaýarys.

$$9 - 1 + 1 = \boxed{} \quad 6 - 2 + 6 = \boxed{} \quad 5 + 5 - 2 = \boxed{}$$

$$4 + 5 - 3 = \boxed{} \quad 9 - 2 + 1 = \boxed{} \quad 8 - 0 - 4 = \boxed{}$$

**4-nji bap
14-nji ders**
Böleklerden bitini, bitinden bölekleri emele getirmek

1. Surat esasynda bölekleri reňkleýäris.



2. Hasaplayýarys.

$3 - 1 = \boxed{}$

$9 - 1 = \boxed{}$

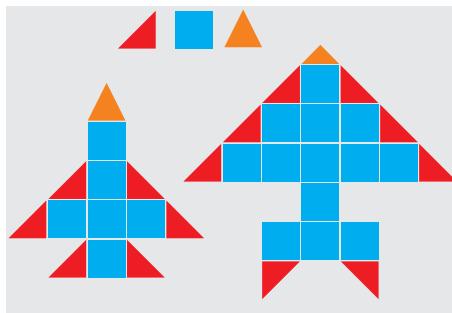
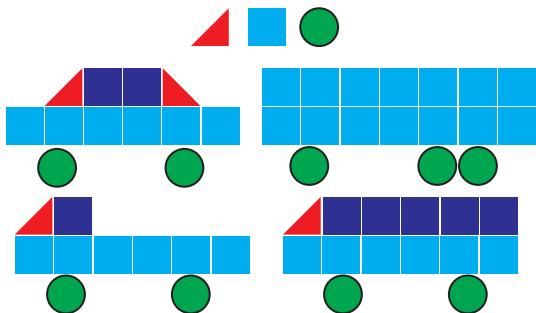
$8 + 2 = \boxed{}$

$9 - 3 = \boxed{}$

$1 + 7 = \boxed{}$

$4 + 4 = \boxed{}$

3. Suratlar nähili şekillerden emele getirilen?



4. Hasaplayýarys.

$\bullet + \bigcirc\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc = \dots$

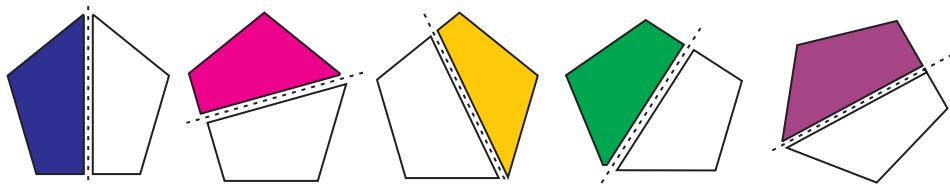
$\bullet\bullet\bullet + \bullet\bullet\bullet = \dots$

$\bullet\bullet\bullet\bullet\bullet + \bullet\bullet\bullet\bullet = \dots$

**4-nji bap
15-nji ders**

Böleklerden bitini, bitinden bölekleri emele getirmek

1. Şekilleriň ikinji bölegini reňkleýarıs.



2. Boş gözenekleri doldurýarys.

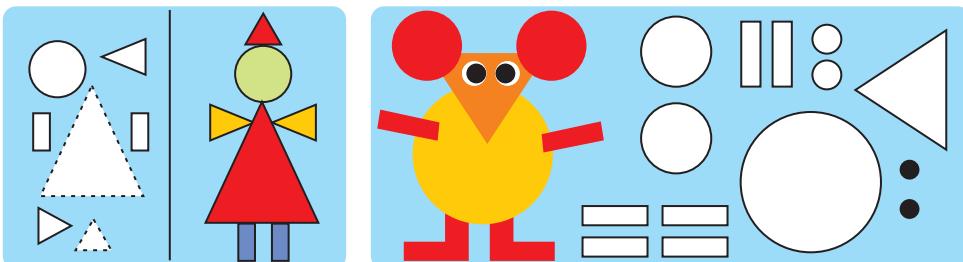
$$9 - \square = 5$$

$$4 + \square = 9$$

$$\square - 5 = 4$$

$$\square + \square = 9$$

3. Surat esasynda bölekleri reňkleýarıs.



4. Hasaplayýarys.

$$\text{●} \text{●} + \text{●} \text{●} \text{●} \text{●} \text{●} = \dots$$

$$\text{●} \text{●} \text{●} + \text{●} \text{●} \text{●} \text{●} \text{●} = \dots$$

$$\text{○} \text{○} \text{○} \text{○} \text{○} \text{○} + \text{○} \text{○} \text{○} = \dots$$

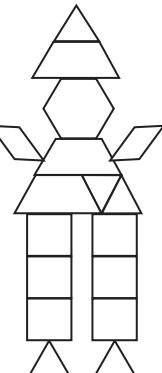
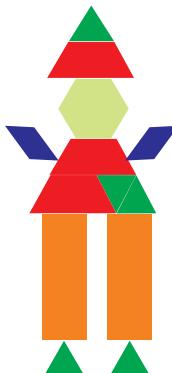
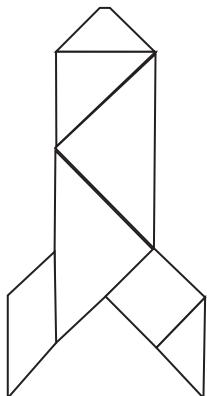
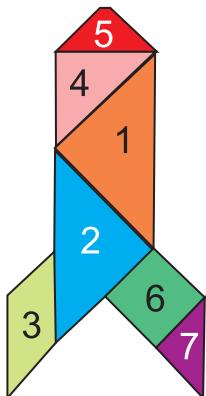
$$\text{○} \text{○} \text{○} \text{○} \text{○} \text{○} + \text{○} \text{○} = \dots$$

$6 - 5 = \dots$	$5 - 3 = \dots$
$4 - 2 = \dots$	$3 - 1 = \dots$

**4-nji bap
16-njy ders**

Dürli şekilleri ýasamak

1. Nusga garap reňkleýäris.



2. Hasaplayýarys.

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$$

3. Sorag belgisiniň ýerindäki sany tapýarys.

$$6 + \text{fish} = 9$$

$$\text{fish} + \text{fish} = 8$$

$$\text{fish} - \text{fish} = 4$$

$$\text{fish} + \text{fish} + \text{fish} = ?$$

$$8 + \text{pear} = 9$$

$$\text{pear} + \text{orange} = 7$$

$$\text{orange} + \text{leaf} = 8$$

$$\text{leaf} + \text{pear} + \text{orange} = ?$$

4. Jemleri we tapawutlary tapýarys.

$$6 + 4 = \boxed{} \boxed{}$$

$$10 - 5 = \boxed{} \boxed{}$$

$$7 + 3 = \boxed{} \boxed{}$$

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

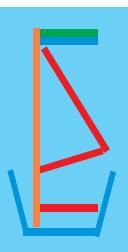
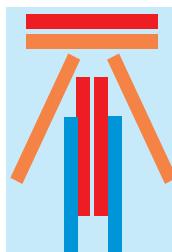
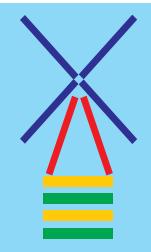
$$9 - 2 = \boxed{} \boxed{}$$

$$8 - 2 = \boxed{} \boxed{}$$

**4-nji bap
17-nji ders**

Dürli şekilleri ýasamak

1. Çöpleriň kömeginde şekilleri gurýarys.



2. Boş gözenekleri doldurýarys.

$10 - \square = 9$

$10 - \square = 8$

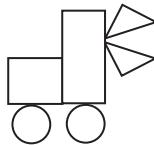
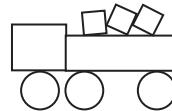
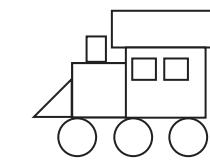
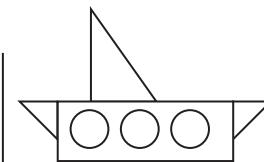
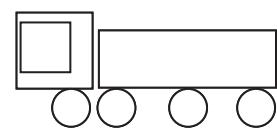
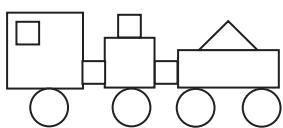
$\square - 4 = 5$

$\square \square - 2 = 8$

$10 - \square = 7$

$8 - \square = 6$

3. Şekilleri nusgadaky ýaly reňkleýäris.



4. Hasaplayýarys.

$6 - 2 = \square$

$9 - 5 = \square$

$9 - 3 = \square$

$0 + 6 = \square$

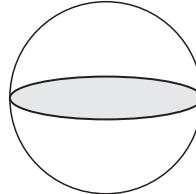
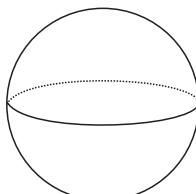
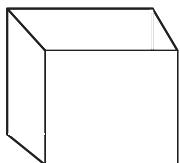
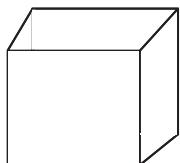
$5 + 2 = \square$

$3 + 2 = \square$

**4-nji bap
18-nji ders**

Giňişlikdäki ýönekeyý şekiller

1. Kublary ýaşyl, şarlary gyzyl reňke reňkleýäris.



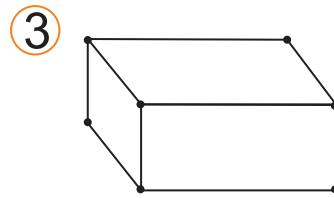
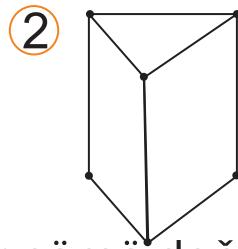
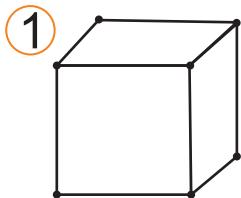
2. Hasaplaýarys.

$$9 - 4 + 2 = \square \quad 7 + 2 - 9 = \square \quad 3 + 5 = \square$$

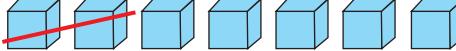
$$8 + 1 - 5 = \square \quad 3 + 4 + 1 = \square \quad 0 + 2 = \square$$

$$6 - 3 - 1 = \square \quad 5 - 3 + 4 = \square \quad 4 - 3 = \square$$

3. Her bir şeidle näçe kesim bardygyny tapýarys.



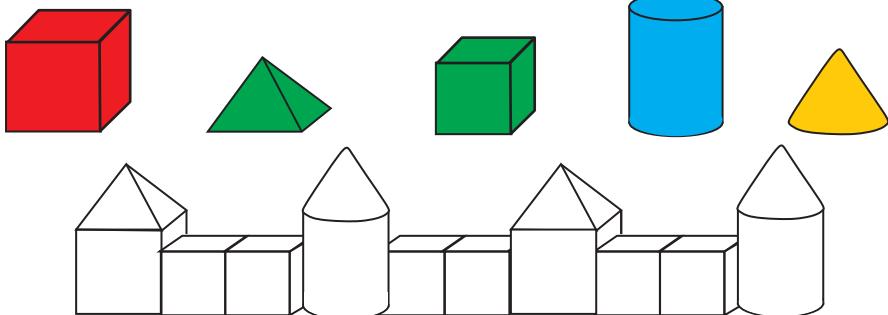
4. Tapawutlar nämä deň?

	
$4 - 1 = \dots$	$7 - 2 = \dots$

	
$7 - 3 = \dots$	$8 - 2 = \dots$

**4-nji bap
19-njy ders**
Giňişlikdäki ýonekeý şekiller

1. Şekilleri nusgadaky ýaly reňkleýarıs.



2. Boş gözenekleri doldurýarys.

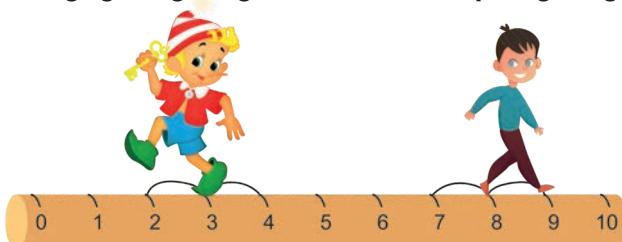
$$\begin{array}{r} 6 - \boxed{1} \\ \downarrow \\ \boxed{5} - \boxed{1} \\ \downarrow \\ \boxed{5} - \boxed{\square} \\ \downarrow \\ \boxed{\square} + \boxed{1} \\ \hline \boxed{5} - \boxed{\square} = \boxed{3} \end{array}$$

$$\begin{array}{r} 2 + 2 \\ \downarrow \\ \boxed{\square} - 3 \\ \downarrow \\ \boxed{4} - \boxed{\square} \\ \downarrow \\ \boxed{\square} - 2 \\ \hline \boxed{\square} + \boxed{1} = \boxed{5} \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \boxed{\square} \end{array} \quad \begin{array}{r} 9 \\ - 4 \\ \hline \boxed{\square} \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline \boxed{\square} \end{array} \quad \begin{array}{r} 8 \\ - 5 \\ \hline \boxed{\square} \end{array}$$

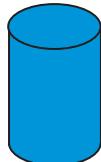
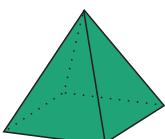
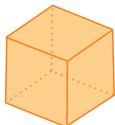
3. Surat esasynda boş gözeneklere degişli sanlary ýazýarys we hasaplaýarys.



$$\boxed{\square} - \boxed{\square} - \boxed{\square} = \boxed{\square} \quad \boxed{\square} + \boxed{\square} + \boxed{\square} + \boxed{\square} = \boxed{\square}$$

**4-nji bap
20-nji ders**
Giňişlikdäki ýonekeý şekiller

1. Şekilleriň ýanyyna meňzeş şekil çyzýarys.



2. Hasaplamlalary ýerine ýetirýarıs.

$$4 + \boxed{} = 7 \quad 8 - \boxed{} = 8 \quad 3 + 5 - \boxed{} = 7$$

$$\boxed{} - 2 = 6 \quad 0 + \boxed{} = 5 \quad 1 + 6 + \boxed{} = 9$$

$$5 + \boxed{} = 9 \quad \boxed{} - 7 = 0 \quad 9 - \boxed{} - \boxed{} = 4$$

3. Hasaplaýarys.

$\begin{array}{r} 3 \\ + 6 \\ \hline \boxed{} \end{array}$	$\begin{array}{r} 7 \\ - 3 \\ \hline \boxed{} \end{array}$	$\begin{array}{r} 8 \\ - 5 \\ \hline \boxed{} \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \boxed{} \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \boxed{} \end{array}$
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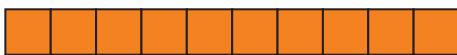
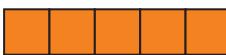
4. Boş gözenekleri doldurýarys.

$$\begin{array}{c}
 4 + 1 \\
 \swarrow \searrow \\
 5 - 0 \\
 \downarrow \\
 9 - \boxed{} \\
 \downarrow \\
 4 + 1 \\
 \swarrow \searrow \\
 5 - \boxed{} = 0
 \end{array}$$

$$\begin{array}{c}
 3 + 2 \\
 \swarrow \searrow \\
 \boxed{} - 3 \\
 \downarrow \\
 5 - \boxed{} \\
 \downarrow \\
 \boxed{} - 2 \\
 \downarrow \\
 \boxed{} + 1 = 5
 \end{array}$$

**5-nji bap
1-nji ders**

**11-den 20-ä çenli bolan
sanlar**



$$5 + \boxed{\quad} = 10$$

10

1. Netijäni hasaplaýarys.

$$\begin{array}{rcl} 10 & - & 2 \\ + & 3 & \\ \hline & 7 & \end{array} \quad \begin{array}{rcl} 2 & - & 2 \\ + & 3 & \\ \hline & 5 & \end{array} = \boxed{\quad} \quad \boxed{\quad} + \boxed{\quad} = \boxed{\quad}$$

$$\begin{array}{rcl} 2 & - & 2 \\ + & 3 & \\ \hline & 5 & \end{array} \quad \begin{array}{rcl} 5 & - & 2 \\ + & 3 & \\ \hline & 6 & \end{array} = \boxed{\quad} \quad \boxed{\quad} - \boxed{\quad} = \boxed{\quad}$$

2. Çyzgy esasynda hasaplaýarys.



$$2 + \boxed{1} = \boxed{\quad}$$

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

$$4 - \boxed{1} = \boxed{3}$$

$$\boxed{\quad} - \boxed{\quad} = \boxed{\quad}$$

3. Nusgadaky ýaly ýerine ýetirýäris.



$$7 + \boxed{3} = \boxed{\quad} \quad \boxed{\quad}$$



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



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

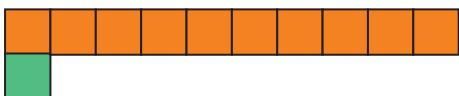
4. Hasaplaýarys.

$$1 + 2 + 2 = \boxed{\quad}$$

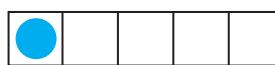
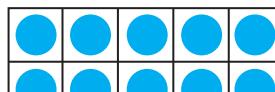
$$7 + 2 = \boxed{\quad}$$

$$9 - 2 - 2 = \boxed{\quad}$$

$$9 - 3 = \boxed{\quad}$$

5-nji bap
2-nji ders
11 sany

11

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


1. Netijeleri hasaplaýarys.

$$5 - 1 = \boxed{}$$

$$4 + 2 = \boxed{}$$

$$9 - 0 = \boxed{}$$

$$9 - 9 = \boxed{}$$

$$9 + 0 = \boxed{}$$

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

$$4 + 0 = \boxed{}$$

$$4 - 0 = \boxed{}$$

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

2. Sanaýarys we ýazyýarys.

3. Hasaplaýarys.

$$8 + 1 = \boxed{}$$

$$5 + 1 - 2 = \boxed{}$$

$$5 + 1 = \boxed{}$$

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

$$7 - 2 = \boxed{}$$

$$7 - 2 + 3 = \boxed{}$$

4. Amallary ýerine ýetirýäris.

$$3 + 6 - 3 = \boxed{}$$

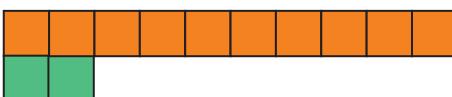
$$11 + 6 - 7 = \boxed{}$$

$$8 - 3 + 4 = \boxed{}$$

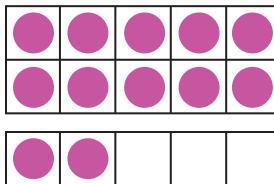
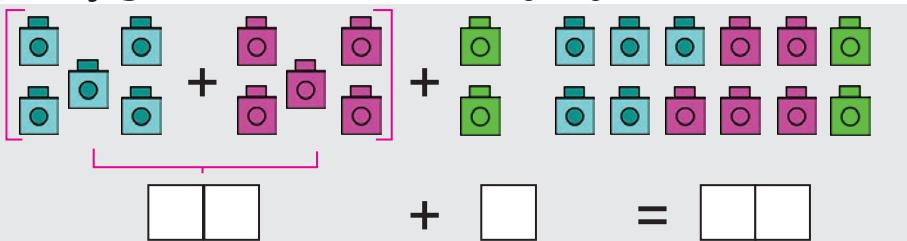
$$11 - 1 + 1 = \boxed{}$$

$$9 - 4 - 1 = \boxed{}$$

$$11 + 1 - 2 = \boxed{}$$

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

12

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

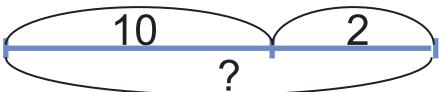

1. Boş gözenekleri doldurýarys.

2. Hasaplayýarys.

$$\bullet\bullet\bullet\bullet\bullet + \bullet\bullet + \bullet = \dots \quad 6 + 2 + 1 = \boxed{\quad}$$

$$\times\bullet\bullet\bullet\bullet\bullet\bullet\bullet\bullet\bullet + \bullet = \dots \quad 9 - 2 - 6 = \boxed{\quad}$$

$$\circ\circ\circ\circ\circ\circ + \bullet\bullet\bullet + \bullet\bullet = \dots$$

$$\bullet\bullet\bullet + \bullet\bullet\bullet\bullet\bullet + \bullet\bullet = \dots$$

3. Çyzgy esasynda hasaplayýarys.


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

4. Jemler we tapawutlar nämä deň?

$$6 + 3 = \boxed{\quad}$$

$$8 - 3 = \boxed{\quad}$$

$$0 + 3 = \boxed{\quad}$$

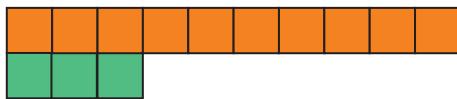
$$7 + 2 = \boxed{\quad}$$

$$9 - 2 = \boxed{\quad}$$

$$1 + 0 = \boxed{\quad}$$

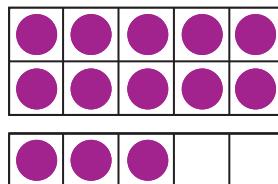
**5-nji bap
4-nji ders**

13 sany



13

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



1. Netijeleri hasaplayýarys.

$$3 + 4 = \boxed{}$$

$$6 - 5 = \boxed{}$$

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

$$5 + 3 = \boxed{}$$

$$7 - 6 = \boxed{}$$

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

$$6 + 3 = \boxed{}$$

$$8 - 7 = \boxed{}$$

$$3 + 7 = \boxed{} \boxed{}$$

2. Sanaýarys we ýazýýarys.



$$\boxed{} \boxed{} \boxed{} = \dots$$

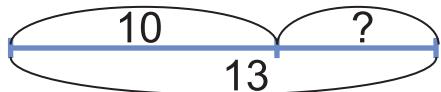


$$\boxed{} \boxed{} \boxed{} \boxed{} = \dots$$



$$\boxed{} \boxed{} \boxed{} \boxed{} \boxed{} = \dots$$

3. Tapawut nämä deň?



$$\boxed{} \boxed{} - \boxed{} \boxed{} = \boxed{}$$

4. Hasaplayýarys.

$$5 + 3 = \boxed{}$$

$$9 - 1 = \boxed{}$$

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

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

$$9 - 2 = \boxed{}$$

$$7 - 2 = \boxed{}$$

$$5 + 1 = \boxed{}$$

$$9 - 3 = \boxed{}$$

$$7 - 1 = \boxed{}$$

$$8 + 0 = \boxed{}$$

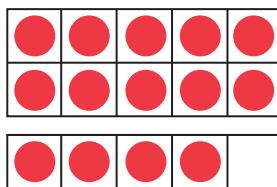
$$8 + 1 = \boxed{}$$

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

**5-nji bap
5-nji ders**
14 sany

14

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


1. Boş gözenekleri doldurýarys.

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

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

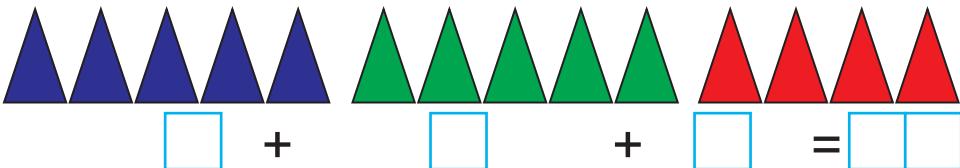
$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

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

2. Jemler nämä deň?

$$\textcircled{white} \textcircled{white} \textcircled{white} \textcircled{white} \textcircled{white} \textcircled{white} + \textcircled{orange} \textcircled{orange} \textcircled{orange} + \textcircled{green} \textcircled{green} \textcircled{green} = \dots$$

$$\textcircled{yellow} \textcircled{yellow} \textcircled{yellow} + \textcircled{blue} \textcircled{blue} \textcircled{blue} \textcircled{blue} + \textcircled{purple} \textcircled{purple} \textcircled{purple} = \dots$$


3. Mesele düzýärис we çözýärис.

$$\begin{array}{c} ? \\ \hline 14 \end{array} + 4 =$$

$$\boxed{} \boxed{} - \boxed{} = \boxed{} \boxed{}$$

4. Hasaplayýarys.

$$8 + \boxed{} = 10$$

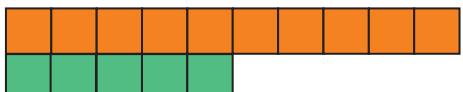
$$9 - \boxed{} = 7$$

$$\boxed{} - 3 = 2$$

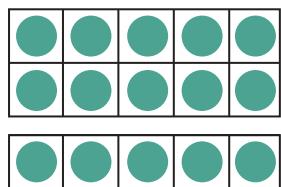
$$7 - \boxed{} = 6$$

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

$$6 - \boxed{} = 4$$

5-nji bap
6-njy ders
15 sany

15

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


1. Hasaplaýarys.

$$15 - 3 - 2 = \boxed{}$$

$$15 - 3 - 2 = \boxed{}$$

$$10 + 2 + 5 = \boxed{}$$

$$10 + 4 + 1 = \boxed{}$$

2. Deňeşdirýäris.

$$\begin{array}{r} 5 \square 6 \\ 1 \square 0 \end{array} \quad \begin{array}{r} 8 \square 10 \\ 9 \square 6 \end{array}$$

$$\begin{array}{r} 14 \square 13 \\ 12 \square 12 \end{array} \quad \begin{array}{r} 7 \square 11 \\ 15 \square 5 \end{array}$$

3. Netijäni tapýarys.

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

$$\star + \star = 10$$

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

$$\star - \diamond = 3$$

$$\triangle - \circleddash = 2$$

$$\diamond + \hexagon = 5$$

$$\boxed{} + \triangle + \circleddash = \boxed{}$$

$$\star + \diamond + \hexagon = \boxed{}$$

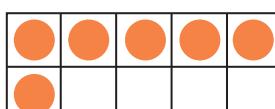
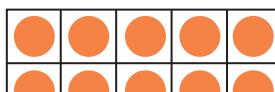
$$10 + 3 + \boxed{} = 15$$

$$10 + \boxed{} + \boxed{} = 15$$

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


16

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



1. Boş gözenekleri doldurýarys.

$$\begin{array}{r} 5 \\ + 2 \\ \hline \boxed{\quad} \end{array}$$

$$\begin{array}{r} \boxed{\quad} \\ + 2 \\ \hline \boxed{\quad} \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \boxed{\quad} \end{array}$$

$$\begin{array}{r} \boxed{\quad} \\ + 2 \\ \hline \boxed{\quad} \end{array}$$

2. Hasaplaýarys.

$$8 + 2 = \boxed{\quad}$$

$$5 + 4 = \boxed{\quad}$$

$$3 + 4 = \boxed{\quad}$$

$$10 - 2 = \boxed{\quad}$$

$$9 - 4 = \boxed{\quad}$$

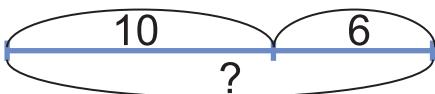
$$7 - 3 = \boxed{\quad}$$

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

$$9 - 5 = \boxed{\quad}$$

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

3. Jem nämä deň?



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

4. Hasaplaýarys we netijeleri deňeşdirýärис.

$$3 + 4 \boxed{\quad} 7 \quad 9 \boxed{\quad} 10 - 2 \quad 8 \boxed{\quad} 4 + 4$$

$$8 - 3 \boxed{\quad} 4 \quad 6 \boxed{\quad} 5 + 3 \quad 7 \boxed{\quad} 10 - 3$$

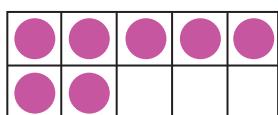
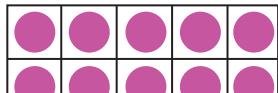
**5-nji bap
8-nji ders**

17 sany



17

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



1. Jemleri we tapawutlary tapýarys.

$$9 - 1 = \boxed{\quad} \quad 3 + 3 = \boxed{\quad} \quad 4 - 4 = \boxed{\quad} \quad 6 - 4 = \boxed{\quad}$$

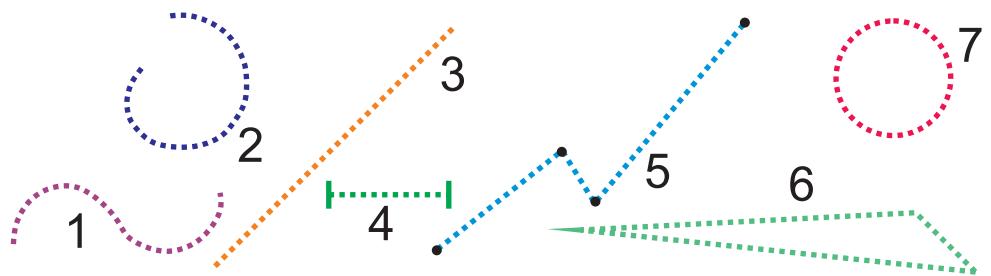
$$9 - 2 = \boxed{\quad} \quad 3 + 4 = \boxed{\quad} \quad 5 - 4 = \boxed{\quad} \quad 7 - 4 = \boxed{\quad}$$

2. Değişli amal belgisini goýýarys.

$$4 \boxed{+} 3 \boxed{-} 2 = 9 \quad 9 \boxed{-} 6 \boxed{+} 3 = 0 \quad 9 \boxed{+} 2 = 7$$

$$5 \boxed{-} 1 \boxed{+} 2 = 4 \quad 6 \boxed{-} 4 \boxed{+} 5 = 7 \quad 6 \boxed{+} 3 = 9$$

3. Çyzýarys we şekilleriň adyny aýdýarys.



4. Hasaplayýarys.

$$12 - 2 + 4 = \boxed{\quad} \boxed{\quad}$$

$$17 - 3 - 2 = \boxed{\quad} \boxed{\quad}$$

$$12 - 2 + 5 = \boxed{\quad} \boxed{\quad}$$

$$14 + 2 - 5 = \boxed{\quad} \boxed{\quad}$$

$$12 - 2 + 7 = \boxed{\quad} \boxed{\quad}$$

$$17 - 7 + 6 = \boxed{\quad} \boxed{\quad}$$

5-nji bap

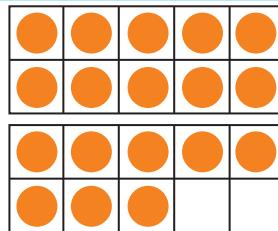
9-njy ders

18 sany

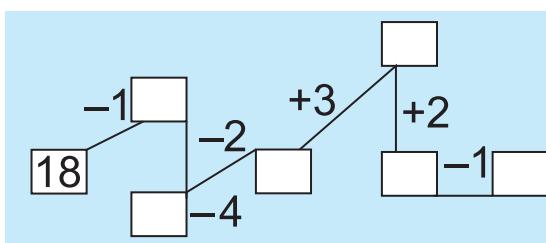


18

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



1. Boş gözenekleri doldurýarys.



$$10 + 5 + \boxed{} = 18$$

$$10 + \boxed{} + 3 = 18$$

$$\begin{array}{r}
 10 \\
 + 5 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 8 \\
 + 2 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \boxed{} \\
 + 6 \\
 \hline
 \end{array}
 \quad
 \begin{array}{r}
 \boxed{} \\
 - \boxed{} \\
 \hline
 \end{array}$$

2. Jemi maşyn näçe boldy?

Bardy – 6 sany
Geldi – 10 sany
Boldy – ? ... sany



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

3. Hasaplaýarys.

$$10 - 8 + 8 = \boxed{}$$

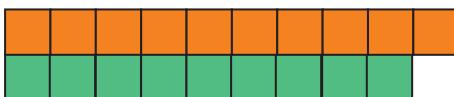
$$12 + 6 - 3 = \boxed{}$$

$$18 - 3 - 5 = \boxed{}$$

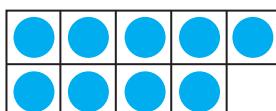
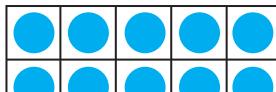
$$17 - 7 + 5 = \boxed{}$$

$$15 - 5 + 5 = \boxed{}$$

$$18 - 8 + 2 = \boxed{}$$

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

19

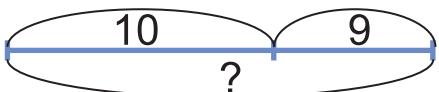
$$\boxed{\square \square} + \boxed{\square} = \boxed{\square \square}$$



1. Degişli amal belgisini goýýarys.

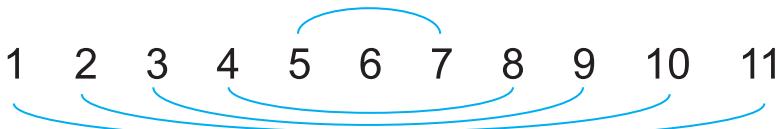
$$\begin{array}{rcl} 9 \boxed{-} 3 \boxed{+} 2 = 8 & 3 \boxed{+} 6 \boxed{-} 9 = 0 & 9 \boxed{-} 3 = 6 \\ 2 \boxed{+} 1 \boxed{-} 5 = 8 & 6 \boxed{-} 4 \boxed{+} 2 = 4 & 9 \boxed{-} 4 = 5 \end{array}$$

2. Jem nämä deň?



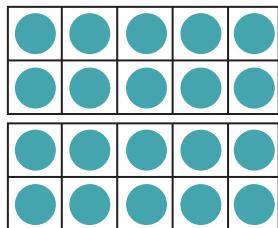
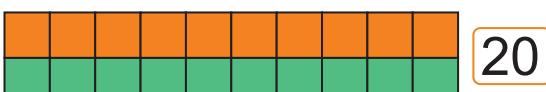
$$\boxed{\square \square} + \boxed{\square} = \boxed{\square \square}$$

3. Netijesi 12 bolýan mysallary düzýärис.

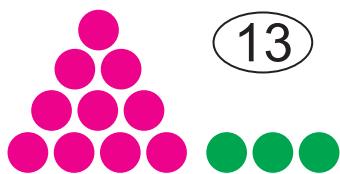


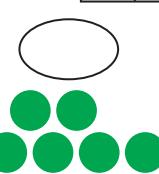
4. Hasaplayýarys.

$$\begin{array}{lll} 17 - 7 = \boxed{\square \square} & 19 - 9 = \boxed{\square \square} & 11 + 3 = \boxed{\square \square} \\ 16 - 6 = \boxed{\square \square} & 19 - 8 = \boxed{\square \square} & 11 + 4 = \boxed{\square \square} \\ 15 - 5 = \boxed{\square \square} & 19 - 7 = \boxed{\square \square} & 11 + 5 = \boxed{\square \square} \end{array}$$

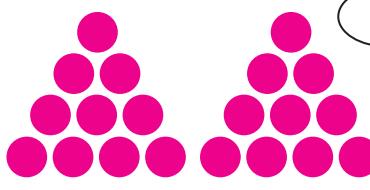
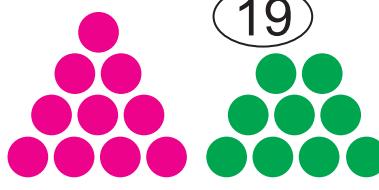
**5-nji bap
11-nji ders**
20 sany


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

1. Sanlarda aňladýarys.

13

19


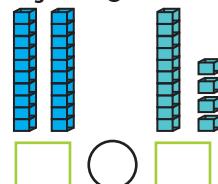
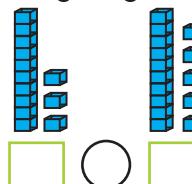
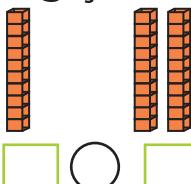
$$\begin{array}{r} 6 \\ + 3 \\ \hline \boxed{} \end{array}$$



$$\begin{array}{r} 5 \\ - \boxed{} \\ \hline \boxed{} \end{array}$$

$$6 + 4 + \boxed{} = 15$$

$$6 + 4 + \boxed{} = 17$$

**5-nji bap
12-nji ders**
**11-den 20-ä çenli bolan
sanlar**
1. Degişli sanlary ýazýarys we deňeşdirýäris.

2. Boş gözenekleri doldurýarys.

$$\begin{array}{r} 5 \\ + 2 \\ \hline \boxed{7} \end{array}$$

→ $\begin{array}{r} \boxed{} \\ - 3 \\ \hline \boxed{} \end{array}$

$$\begin{array}{r} 6 \\ + 3 \\ \hline \boxed{} \end{array}$$

→ $\begin{array}{r} \boxed{} \\ - 2 \\ \hline \boxed{} \end{array}$

**5-nji bap
13-nji ders**

Birnäçe taýajyklardan dürli şekilleri ýasamak

Taýajyklaryň kömeginde şekilleri ýasayarys.



**5-nji bap
14-nji ders**

Suratlary özara tapawutlandyrma

Sorag belgisiniň ýerindäki sany tapýarys.

$$\begin{array}{c} 3 + 4 \\ \downarrow \quad \downarrow \\ ? - 5 \\ \downarrow \quad \downarrow \\ \text{circle} \end{array} \quad \begin{array}{c} 2 + 8 \\ \downarrow \quad \downarrow \\ ? - 4 \\ \downarrow \quad \downarrow \\ \text{circle} \end{array} \quad \begin{array}{c} 13 + 7 \\ \downarrow \quad \downarrow \\ ? - 8 \\ \downarrow \quad \downarrow \\ \text{circle} \end{array}$$

**5-nji bap
15-nji ders**

Yzygiderligi dowam etdirmek

1. Yzygiderligi dowam etdirip çyzýarys.



2. Hasaplaýarys.

$$\begin{array}{rcl} \begin{array}{|c|} \hline \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} = & \boxed{} & \begin{array}{rcl} \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} = & \boxed{} & \boxed{} \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} = & \boxed{} & \boxed{} & \begin{array}{rcl} \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} + \begin{array}{|c|} \hline \bullet \\ \hline \bullet \\ \hline \bullet \\ \hline \end{array} = & \boxed{} & \end{array} \end{array}$$

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Redaktor Aýnura Alymjanowa

Suratçy Azizbek Jabbarow

Tehniki redaktor Akmal Suleýmanow

Çepeř redaktor Sarwar Farmanow

Dizaýner Dilmurad Mulla-Ahunow

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