MATEMATIKA

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

Özbegistan Respublikasynyň
Halk bilimi ministrligi tarapyndan
neşire hödürlenildi

Täze neşir

1

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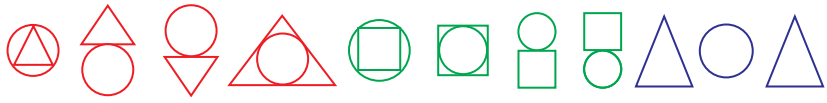
1-nji bap
2-nji ders

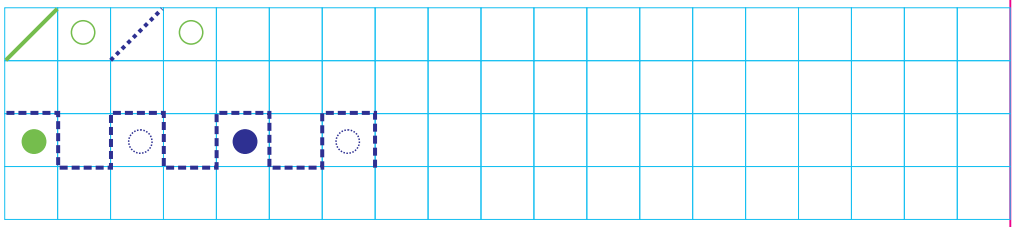
Zatlaryň özara ýerleşişi

1. Pökgi nirede ýerleşen? Ony reňkleýäris.

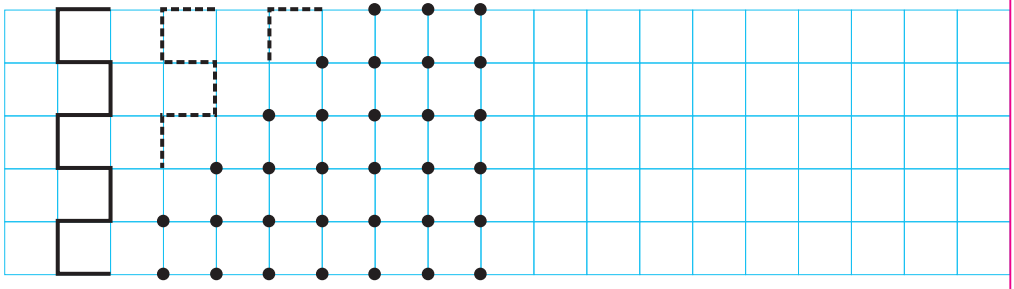
2. Şekilleri reňkleýäris we tegelegiň ýerleşişini aýdýarys.



3. Çyzmagy dowam etdirýäris.



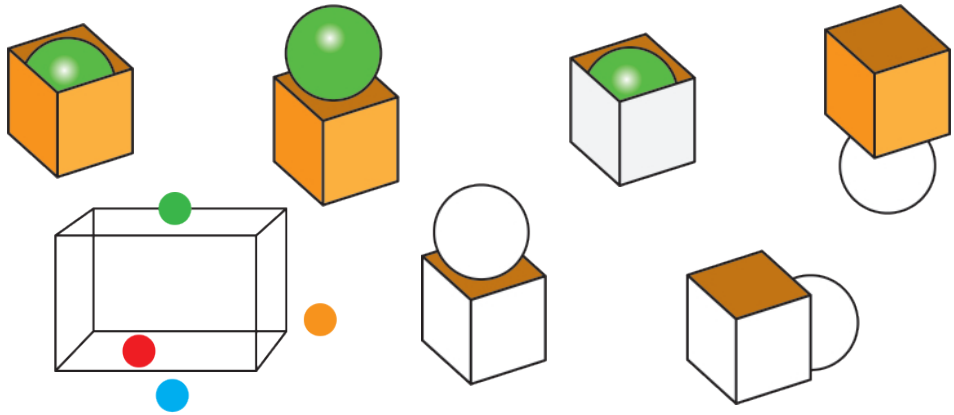
4. Nokatlary nusgadaky ýaly utgaşdyrýarys.



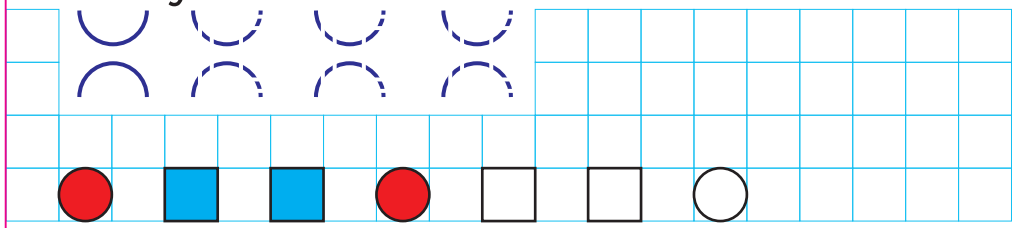
1-nji bap
3-nji ders

Zatlaryň özara ýerleşişi

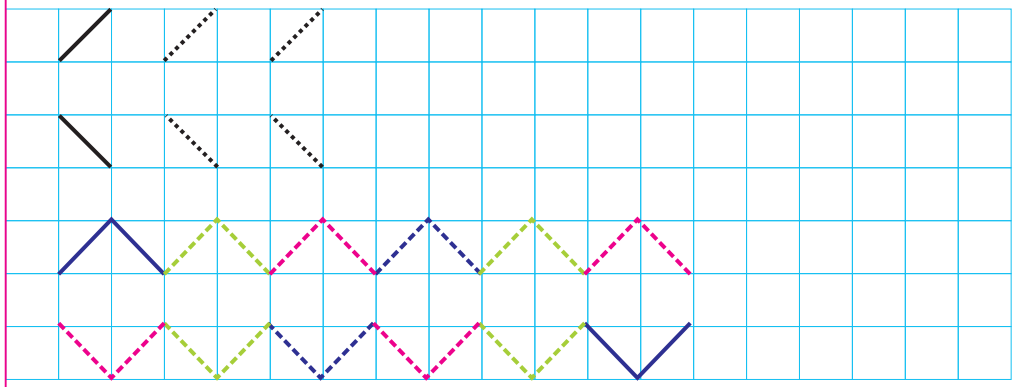
1. Şekiller nähili ýerleşen?
Olary nusgadaky ýaly reňkleýäris.



2. Şekilleri deňeşdirýäris we hatary dowam etdirýäris.



3. Çyzmagy dowam etdirýäris.



1-nji bap
4-nji ders

Zatlaryň özara ýerleşişi

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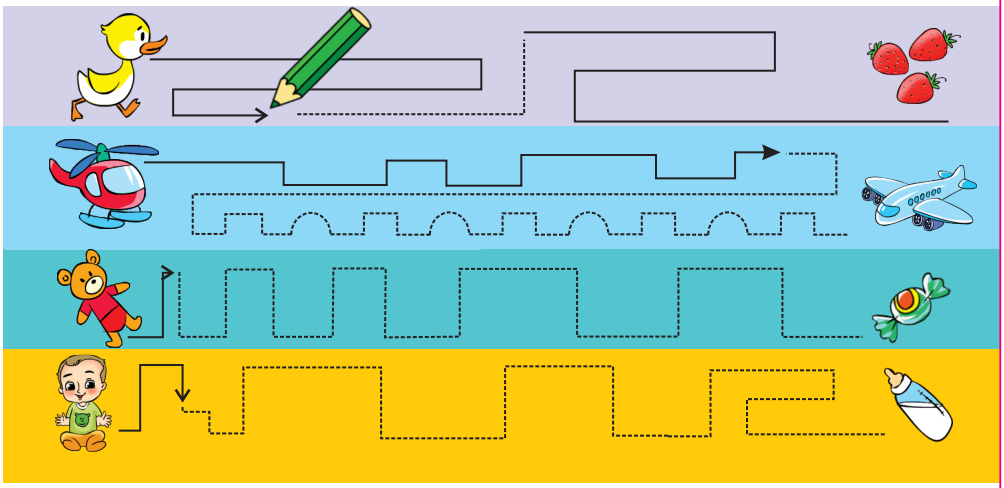
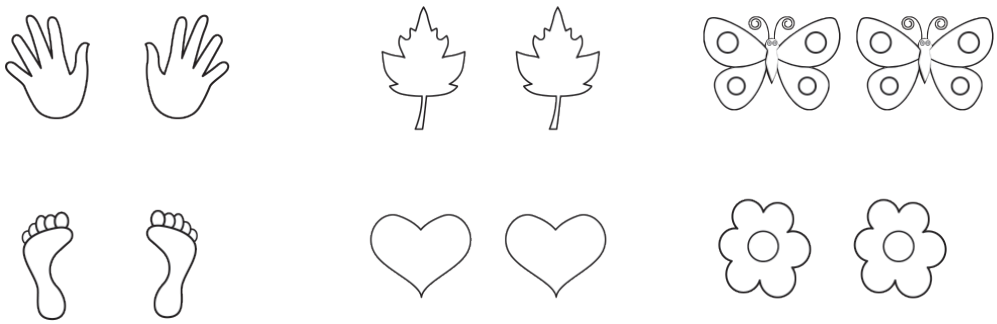


2. Her bir şekiliň (suratyň) sagdakysyny ýaşyl, çepdäkisini gök reňke reňkleýäris.



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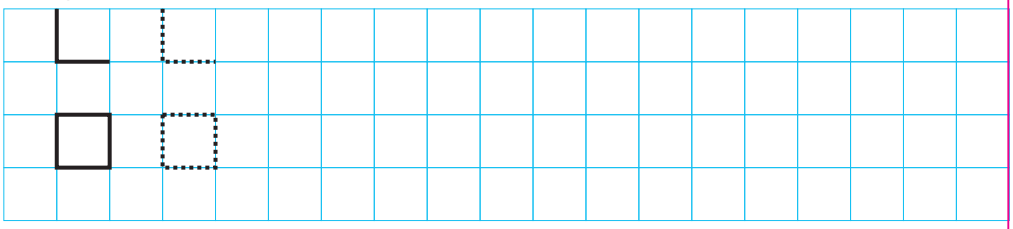
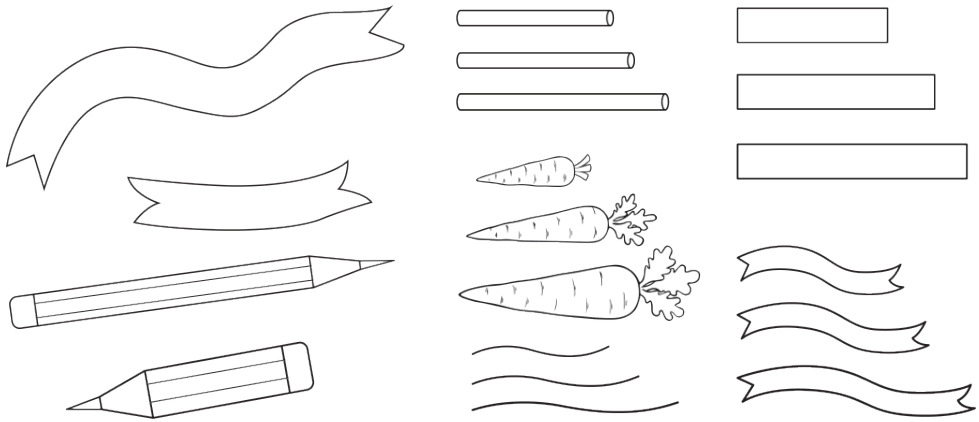


1-nji bap
5-nji ders

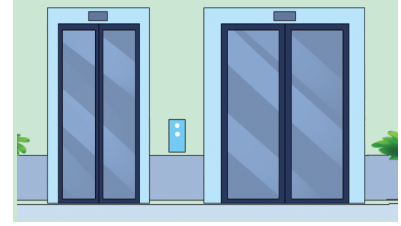
Zatlary deňeşdirmek

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



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

3. Haýsysy giň?



4. Ýazuwy dowam etdiryäris.

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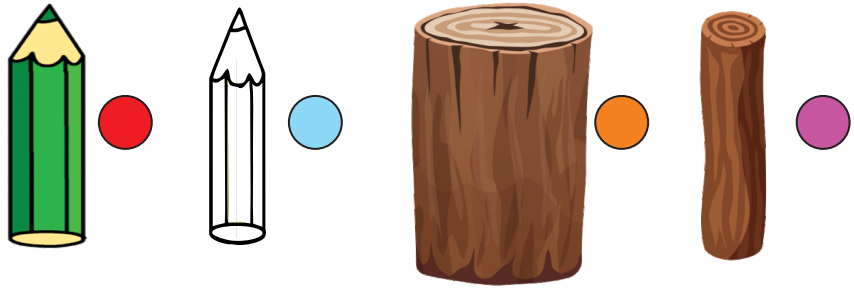
	−		−															
	+	−	+															

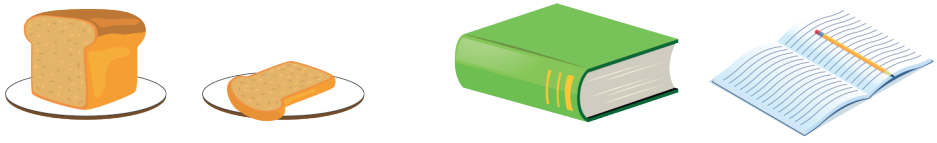
1-nji bap 6-njy ders

Zatlary deňeşdirmek

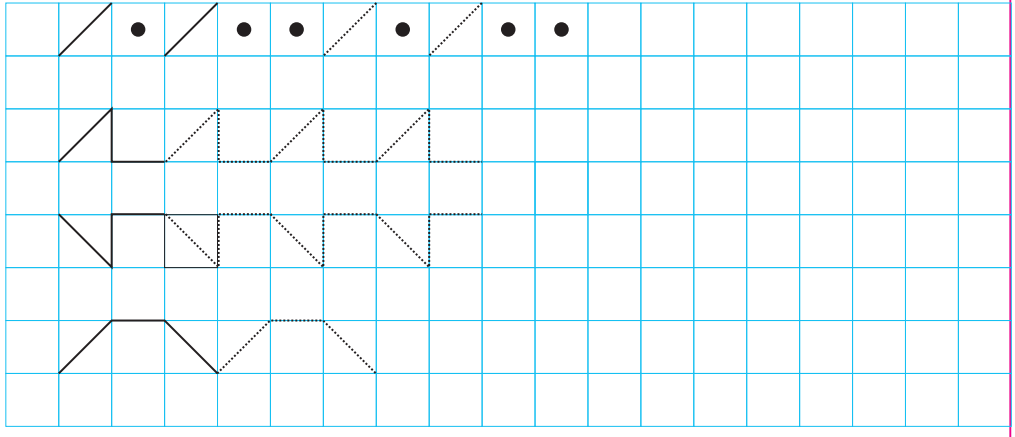
1. Haýsysy ýogyn? Haýsysy inçe?



2. Bellik edýäris: haýsysy galyň?



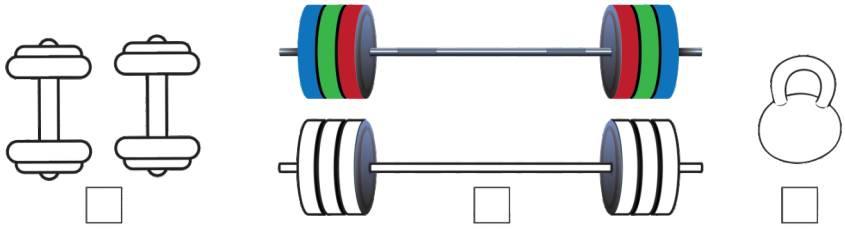
3. Çyzmagy dowam etdirýäris.



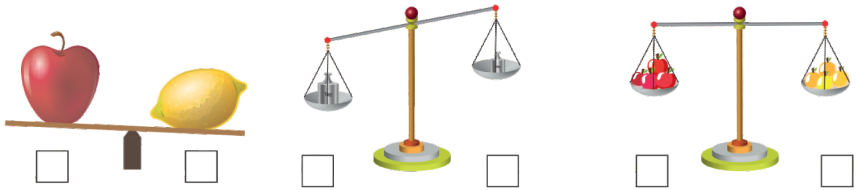
1-nji bap
7-nji ders

Zatlary deňeşdirmek

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

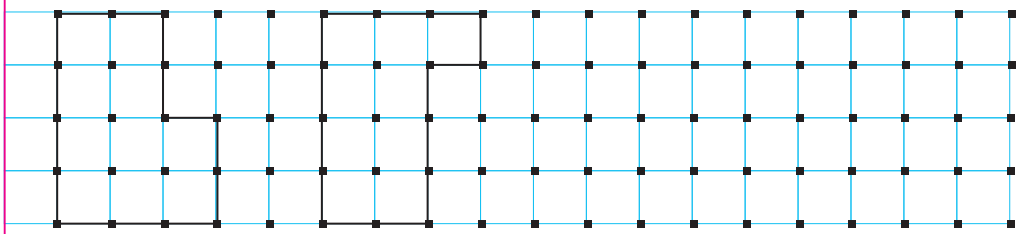


2. Agyr tarapyna +, ýeňil tarapyna –,
deň bolsa = belgisini goýýarys.



3. Deňeşdirýäris, tapawudyny anyklap
reňkleýäris.

4. Nokatlary utgaşdyryp, şekilleri emele getirýäris.

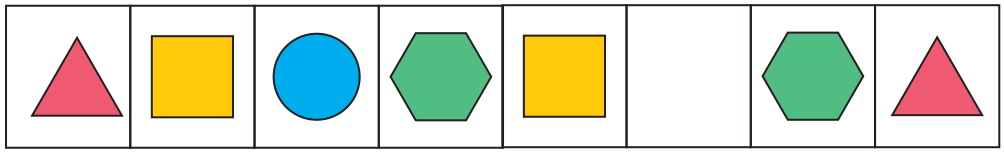


1-nji bap 8-nji ders Zatlary deňeşdirmek

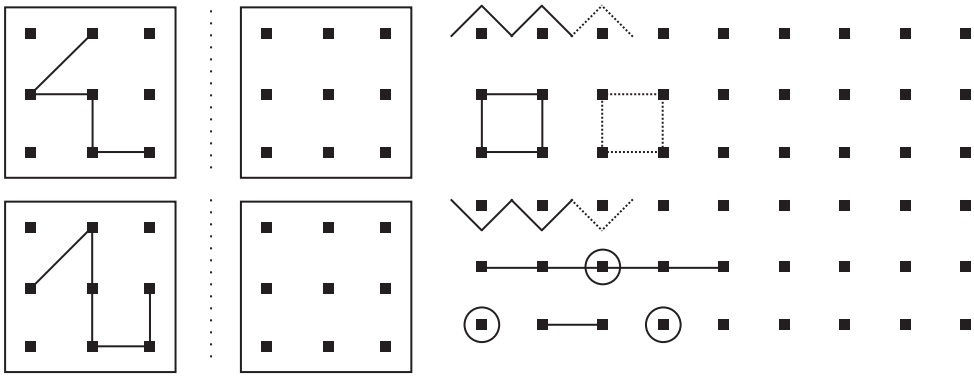
1. Nusgadaky ýaly jogaplaryny aýdýarys.

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.



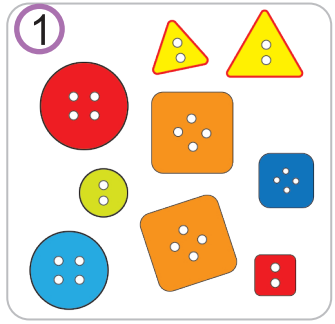
3. Nokatlary utgaşdyryp, şekilleri emele getirýäris.

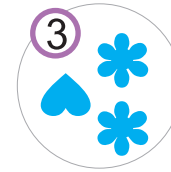


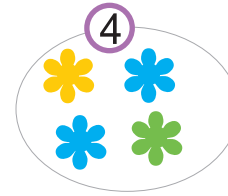
1-nji bap
9-njy ders

Zatlary häsiýetleri boýunça toparlara bölmek

1. Zatlar toplumyny toparlara bölýäris, atlaryny aýdýarys.

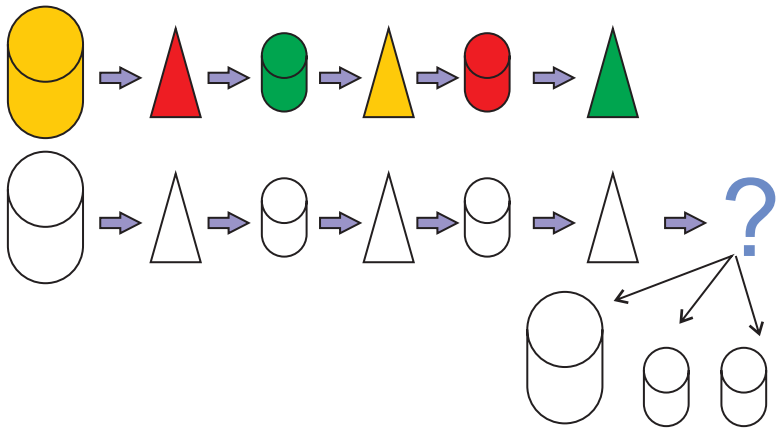




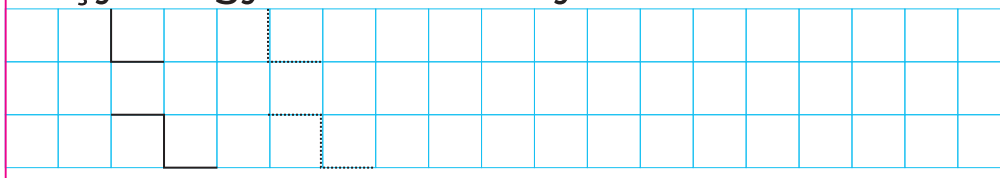


2. Nusgadaky ýaly reňkleýäris. Nobatdaky şekil haýsysy bolýar?

Bulary reňki, şekili boýunça toparlara bölýäris.

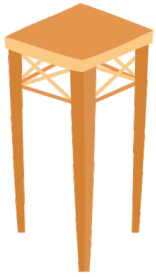


3. Çyzmagy dowam etdiryäris.

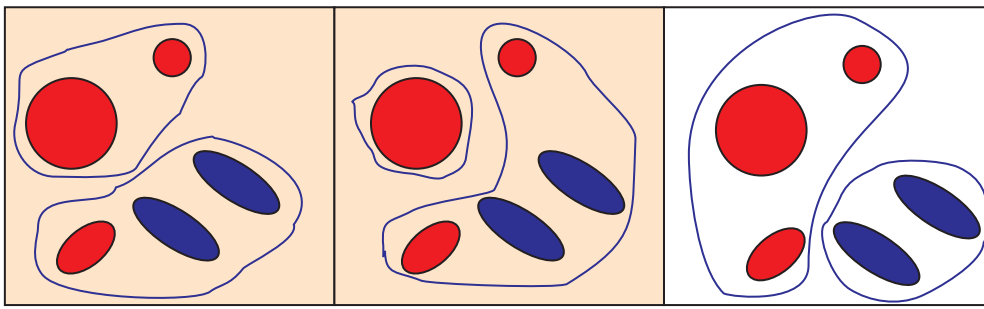


1-nji bap 10-njy ders | Zatlary häsiýetleri boýunça toparlara bölmek

1. Zatlar nähili häsiýetler esasynda toparlara bölünen?

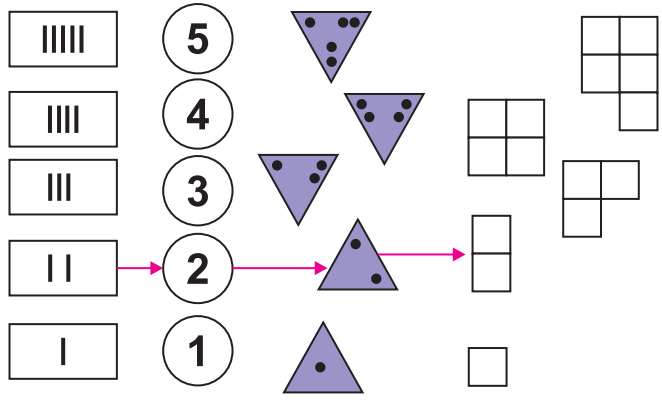


2. Reňki boýunça bölünen gözenege +, şekili boýunça bölünen gözenege √, uly-kiçiligi boýunça bölünen gözenege ● belgisini goýýarys.

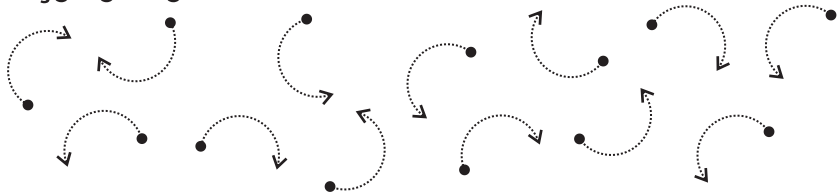


2-nji bap 1-nji ders | 1-den 10-a çenli bolan sanlar

1. Şekillere degişli sanlary tapýarys we utgaşdyrýarys.



2. Nokatlaryň üstünden ugurlar boýunça çyzýarys.



3. Nusgadaky ýaly dowam etdiryäris.

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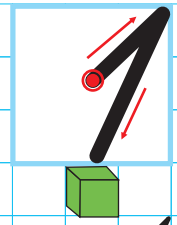
4. Sanlar yzygiderliginde nähili ýalňyşlyk bar?

	1	3	2	5	4													

2-nji bap
2-nji ders

1 sany

1.



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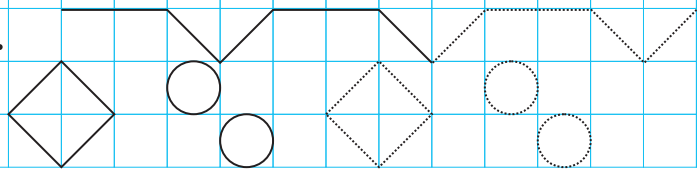
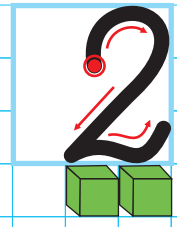


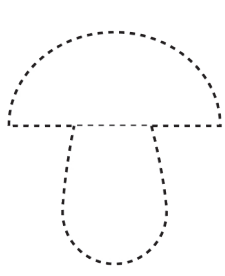
2-nji bap
3-nji ders

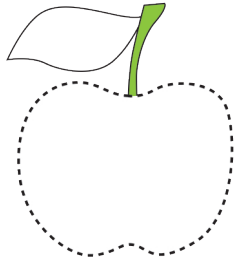
2 sany

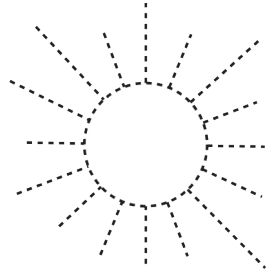
1.



2. Suratlary degişli reňkler bilen reňkleýäris.



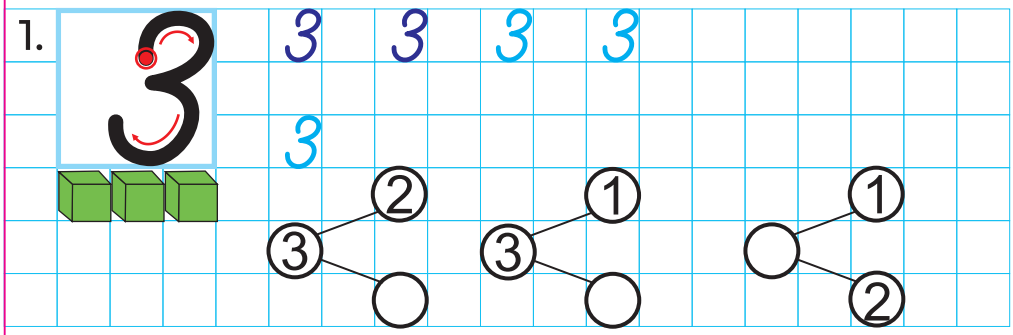




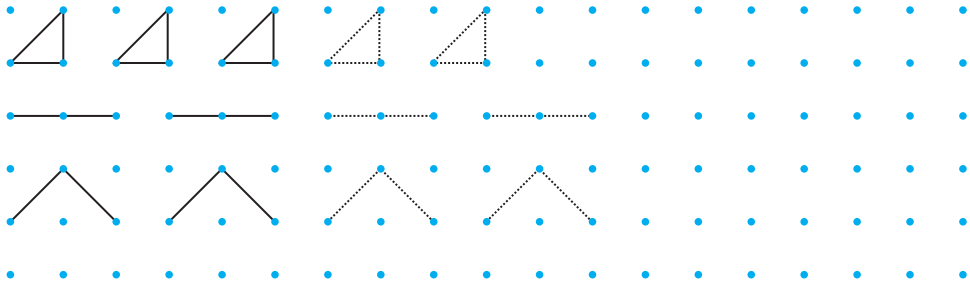
2-nji bap
4-nji ders

3 sany

1.



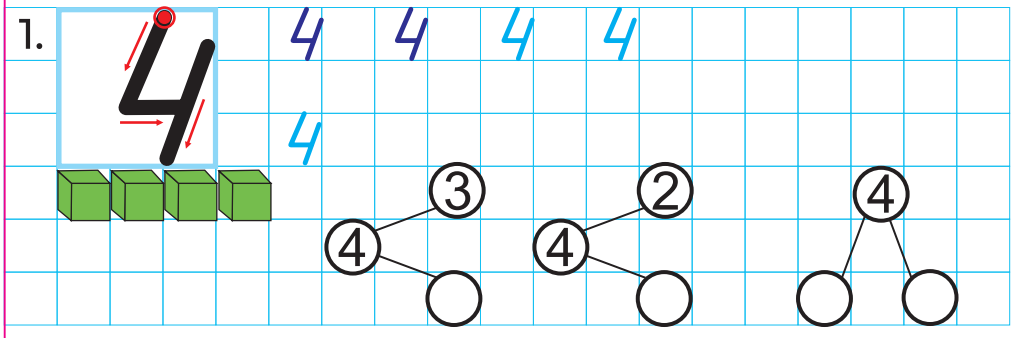
2. Nusgadaky ýaly çyzýarys.
3 nokat utgaşan bolsun.



2-nji bap
5-nji ders

4 sany

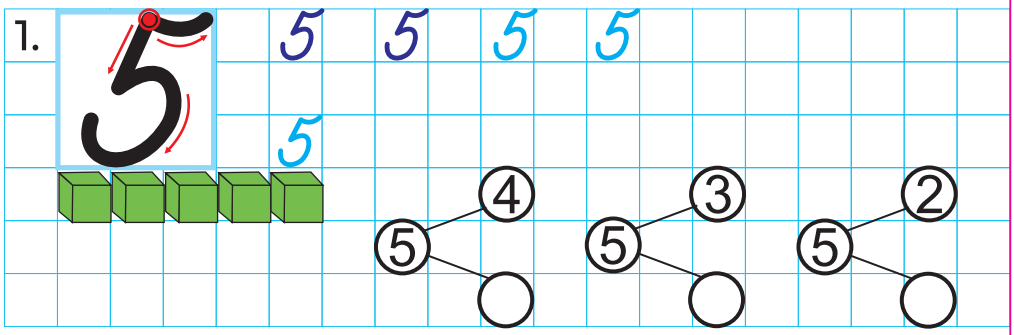
1.



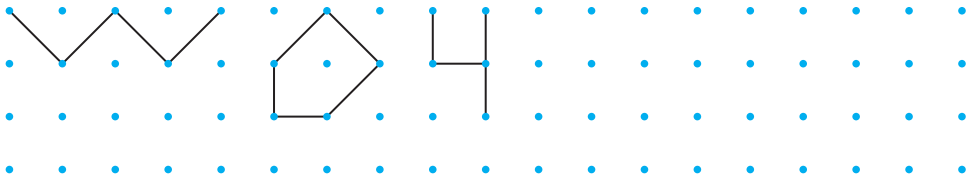
2-nji bap
6-njy ders

5 sany

1.



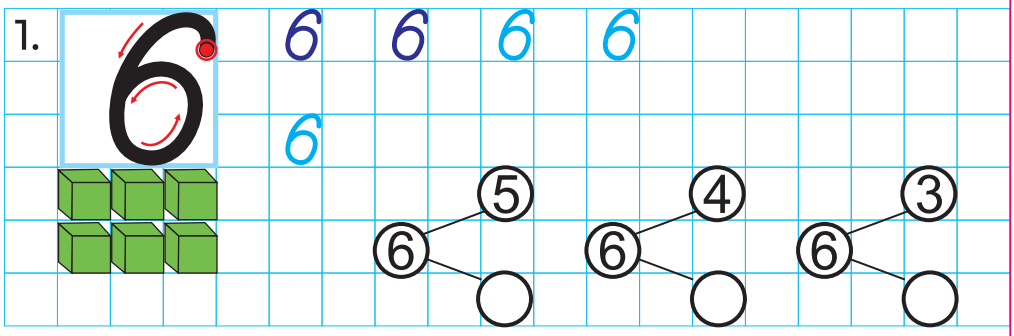
2. Nusgadaky ýaly çyzýarys.
5 nokat utgaşan bolsun.



2-nji bap
7-nji ders

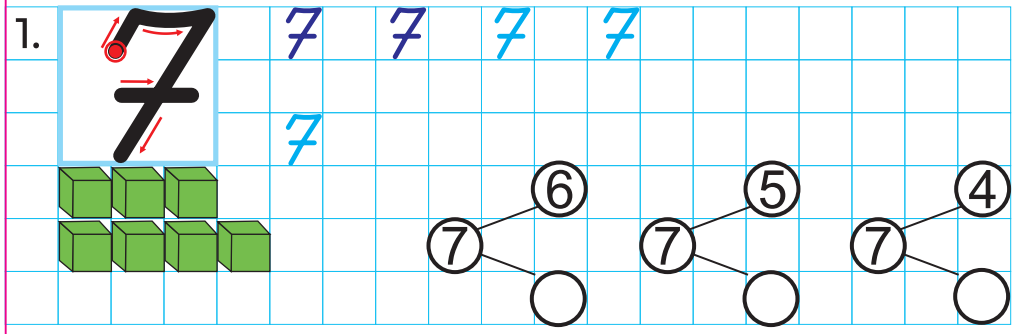
6 sany

1.

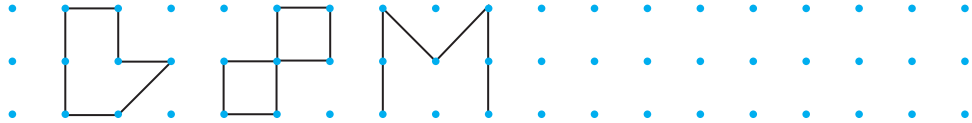


2-nji bap 8-nji ders — 7 sany

1.

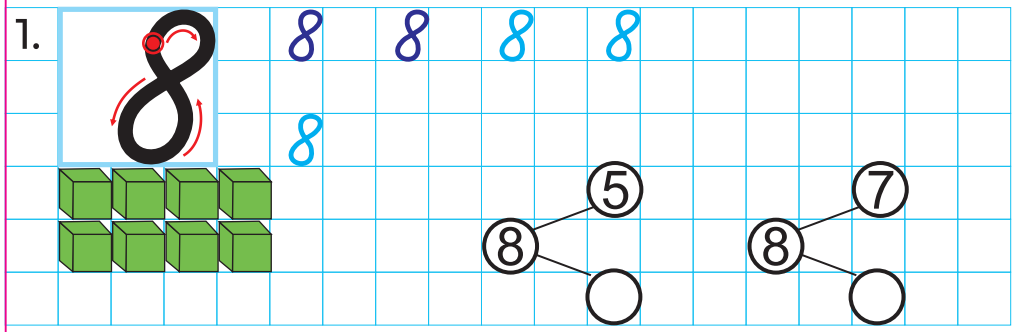


2. Nusgadaky ýaly çyzýarys.
7 nokat utgaşan bolsun.

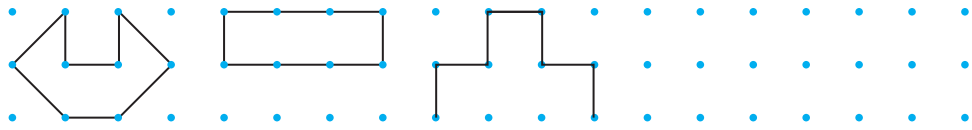


2-nji bap 9-njy ders — 8 sany

1.

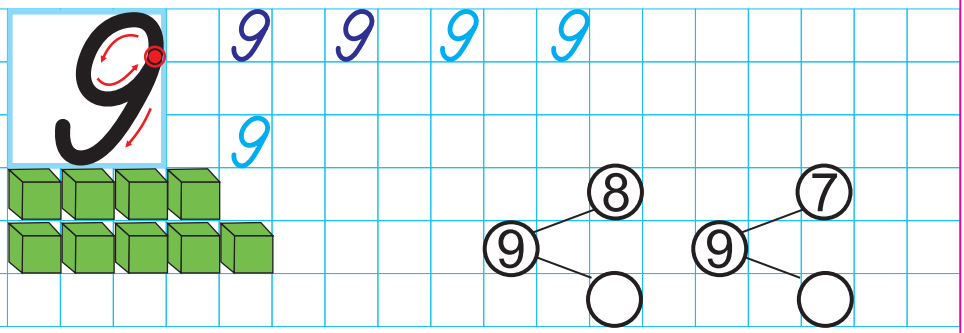


2. Nusgadaky ýaly çyzýarys.
8 nokat utgaşan bolsun.

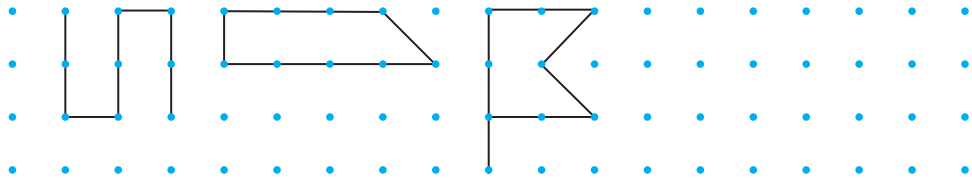


2-nji bap
10-njy ders
9 sany

1.

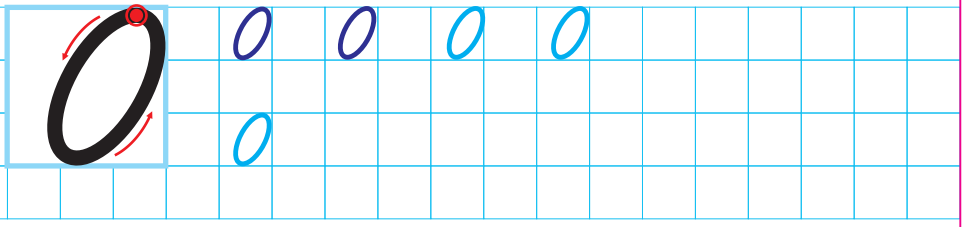


2. Nusgadaky ýaly çyzýarys.
9 nokat utgaşan bolsun.

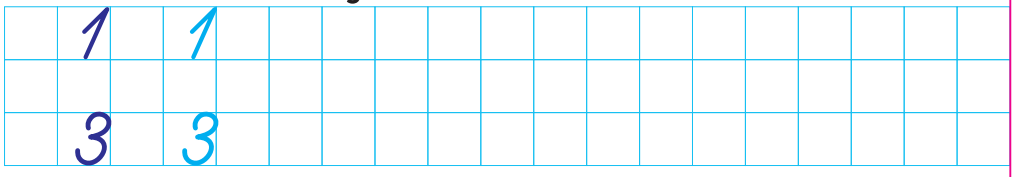


2-nji bap
11-nji ders
0 sany

1.



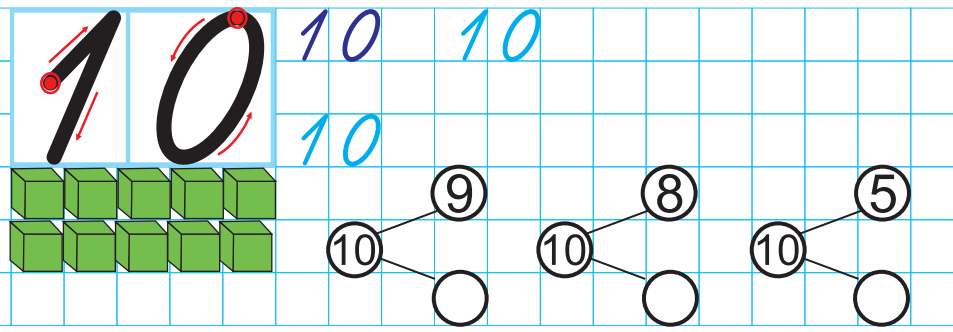
2. Dowam etdirýäris.



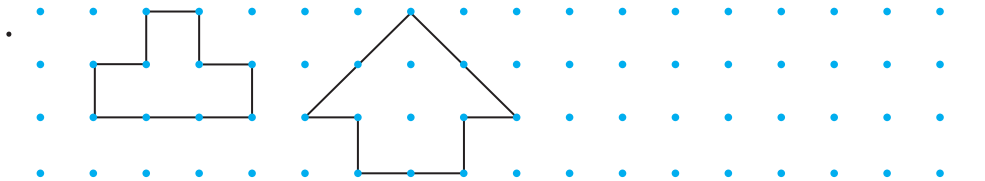
2-nji bap
12-nji ders

10 sany

1.



2. Nusgadaky ýaly çyzýarys.
10 nokat utgaşan bolsun.



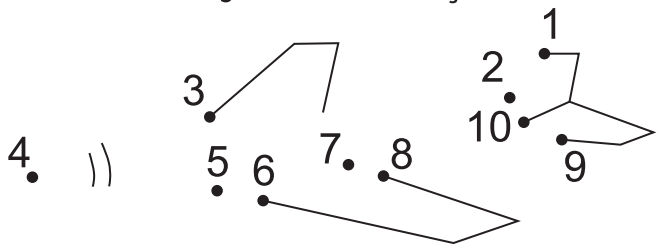
2-nji bap
13-nji ders

10 sany

1. Dowam etdirýäris.

1	2								10
10	9								1

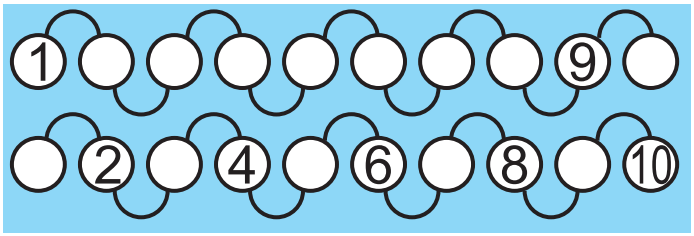
2. Nokatlary utgaşdyrýarys, gök we ýaşyl reňke reňkleýäris. Nähili şekil emele geldi?



2-nji bap
14-nji ders

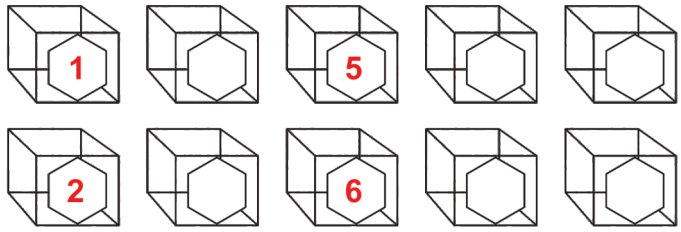
Jübüt we täk sanlar

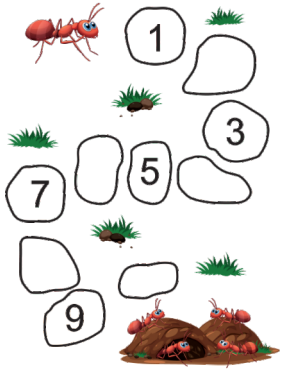
1. Jedweldäki täk sanlary reňkleýäris.

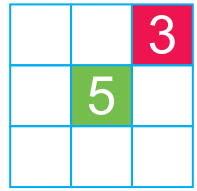


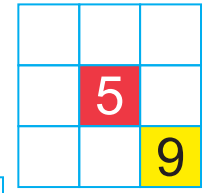
	2	
4		6
	8	

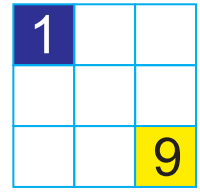
2. Düşürlip galdyrylan sanlary ýazýarys.











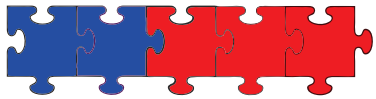
3. Birinji jedwelde täk sanlary ýaşyl, ikinji jedwelde jübüt sanlary gök, üçünji jedwelde sanlary dürli reňklere reňkleýäris.

1	2	3
4	5	6
7	8	9

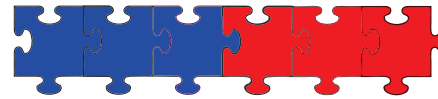
1	2	3
4	5	6
7	8	9

1	2	3
4	5	6
7	8	9

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

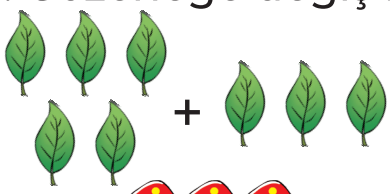


$2 + 3 = \square$

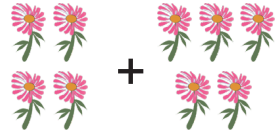


$3 + 3 = \square$

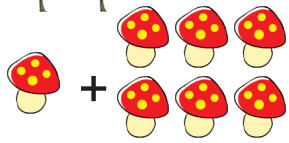
1. Gözenege degişli sany ýazýarys.



$+ \quad = \square$



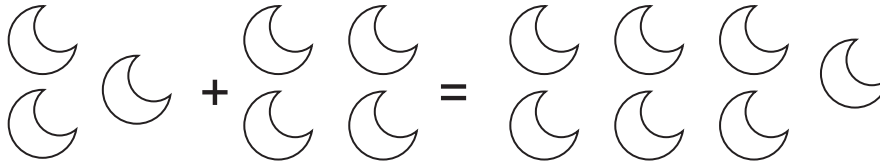
$+ \quad = \square$



$+ \quad = \square$

$+ \quad = \square$

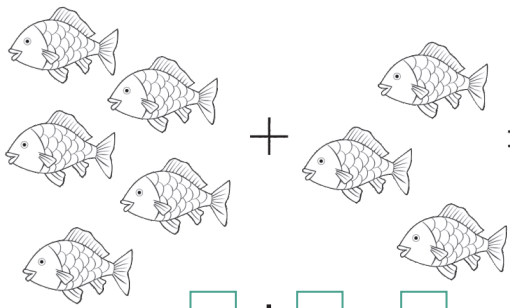
2. Hasaplaýarys, reňkleýäris we ýazýarys.



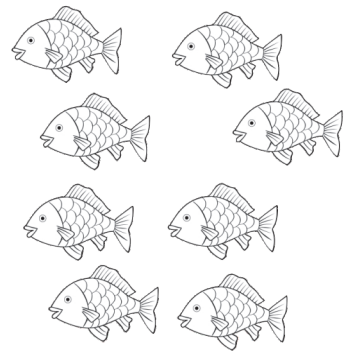
$+ \quad =$

$\square + \square = \square$

3. Reňkleýäris we hasaplaýarys.



$+ \quad =$

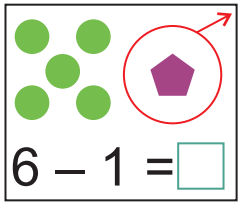


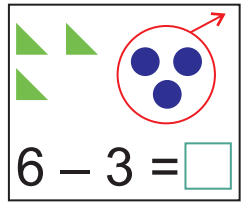
$\square + \square = \square$

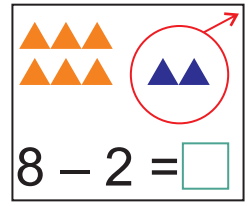
2-nji bap
16-njy ders

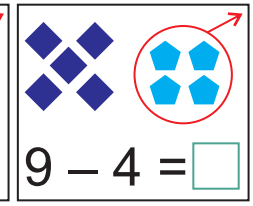
«+», «–», «=» belgileri

1. Boş gözenekleri doldurýarys.


6 – 1 = ☐

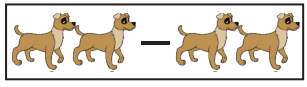

6 – 3 = ☐

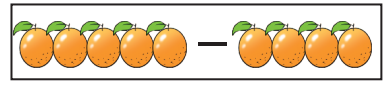

8 – 2 = ☐


9 – 4 = ☐

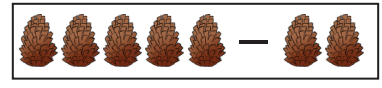
= ☐

= ☐


= ☐


= ☐

= ☐


= ☐

2. Hasaplaýarys.

6 – ☐ = 6 9 – ☐ = 5

8 – ☐ = 6 8 – ☐ = 7

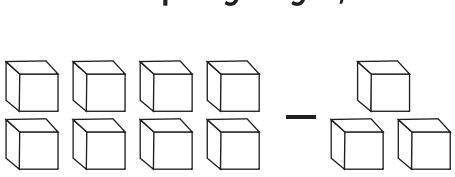
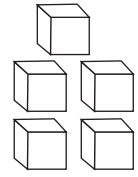
9 – ☐ = 6 7 – ☐ = 3

4 – 1 = 3

☐ – ☐ = ☐

☐ – ☐ = ☐

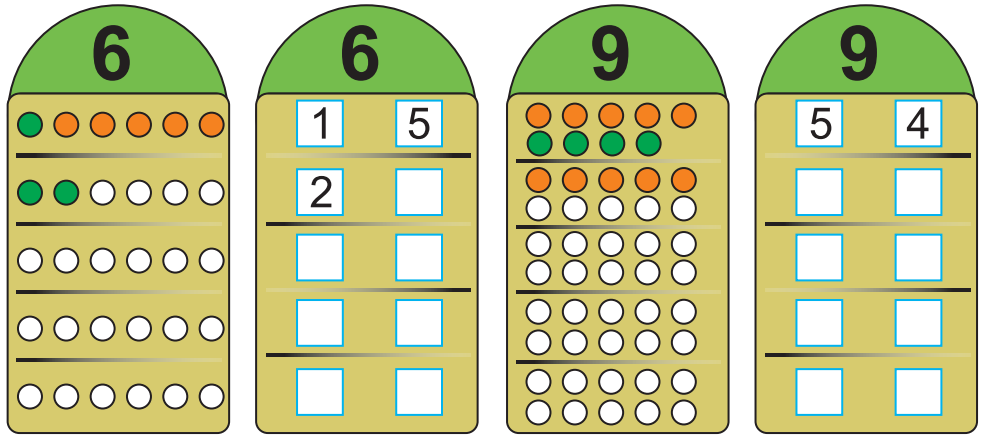
3. Hasaplaýarys, reňkleýäris.


–
= 
☐ – ☐ = ☐

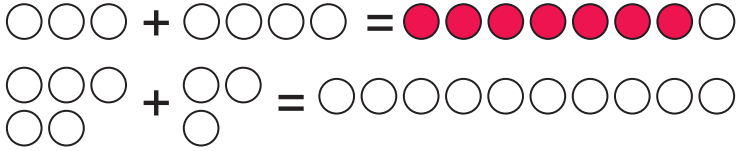
2-nji bap
17-nji ders

«+», «–», «=» belgileri

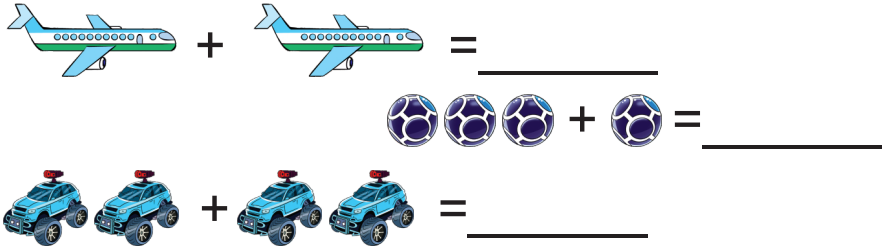
1. Sanlaryň düzümini ýazýarys we reňkleýäris.



2. Tegelejikleri sanap goşýarys we reňkleýäris.



3. Hasaplap, jogabyny ýazýarys.



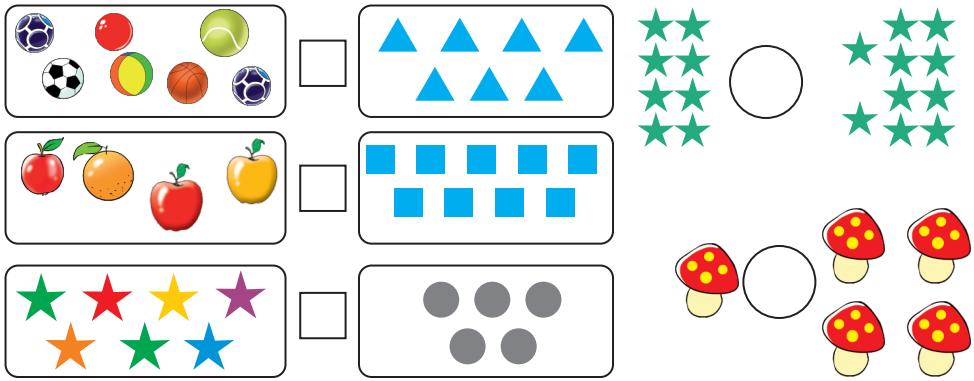
4. Boş gözeneklere degişli sanlary tapýarys.

3 + □ = 5	9 – □ = 6
8 – □ = 4	4 + □ = 7
2 + □ = 9	6 – □ = 2

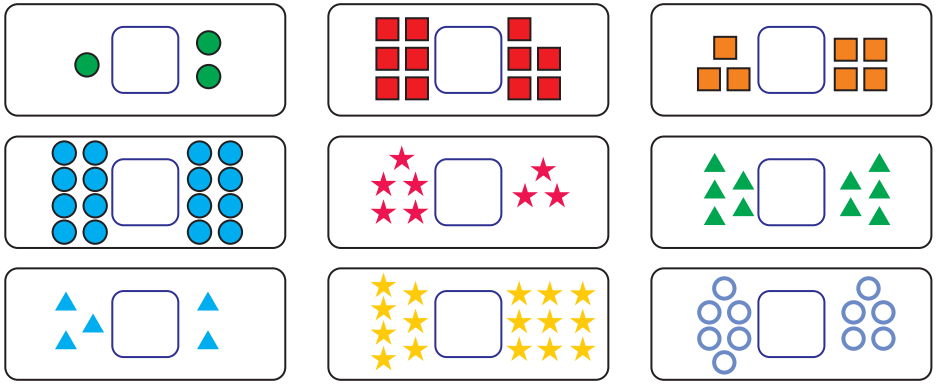
2-nji bap 18-nji ders

Toparlary deňeşdirmek

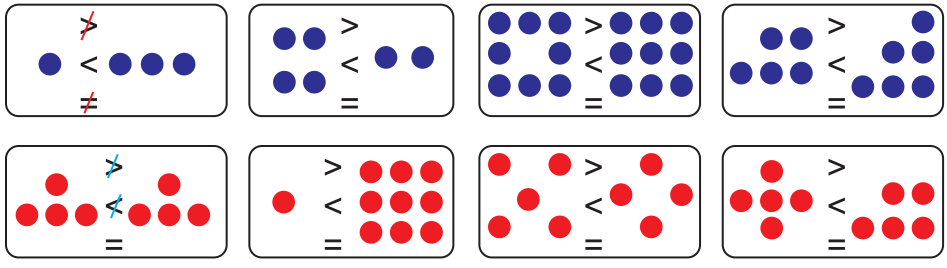
1. > < = belgilerinden degişlisini goýýarys.



2. Deňeşdirýäris.



3. Belgilerden gabat gelmedigini öçürýäris.

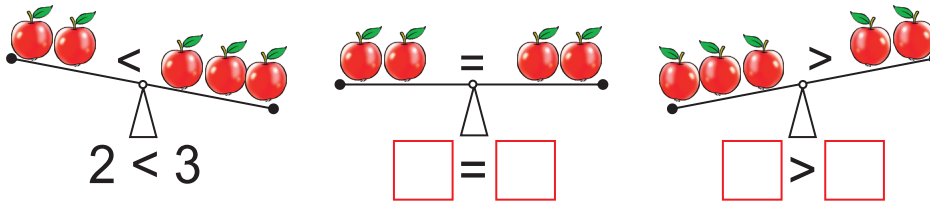


2-nji bap 19-njy ders | 1-den 10-a çenli bolan sanlary deňeşdirmek

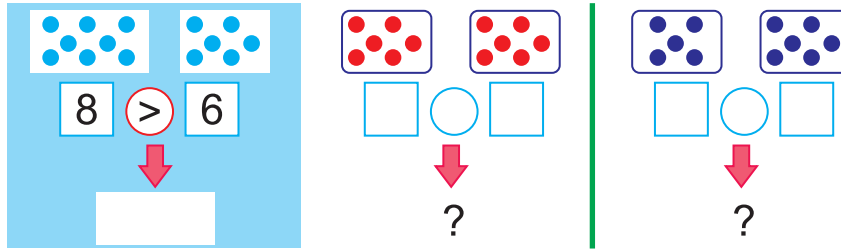
1. > < = belgilerinden degişlisini goýýarys.

1 ☐ 2 3 ☐ 4 5 ☐ 6 7 ☐ 8 9 ☐ 10

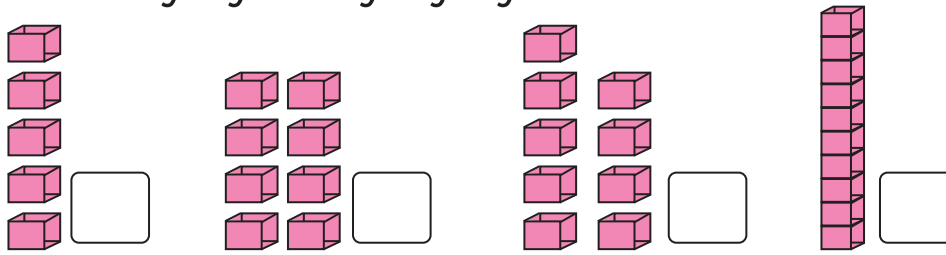
☐ > ☐	☐ < ☐	☐ < ☐
☐ < ☐	☐ > ☐	☐ = ☐
☐ = ☐	☐ = ☐	☐ > ☐



2. Deňeşdiryäris.



3. Sanaýarys we ýazýarys.



2-nji bap
20-nji ders

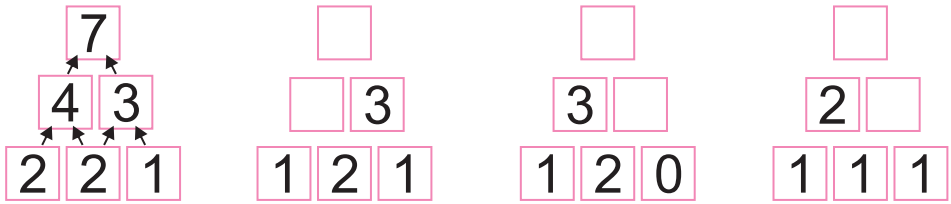
Hepde.
Hepdäniň günleri

1. Hepdäniň günleriniň tertibini görkezýän sanlary ýazýarys.

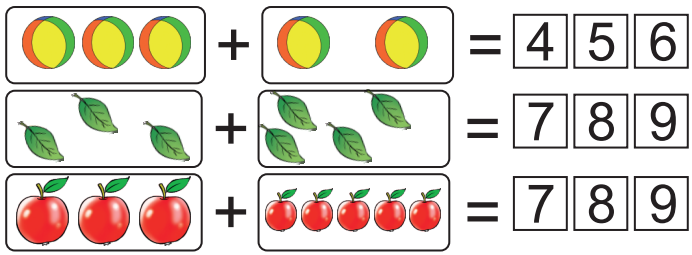
Duşenbe	1		Çarşenbe hepdäniň haýsy güni?
Sişenbe			Hepdäniň annadan öňki güni haýsy?
Çarşenbe			Sişenbedan iki gün soň haýsy gün gelýär, bir gün öň haýsy?
Penşenbe			
Anna			
Şenbe			Şenbe hepdäniň näçenji güni?
Ýekşenbe	7		

2. Nusgadaky ýaly ýerine ýetirýäris:

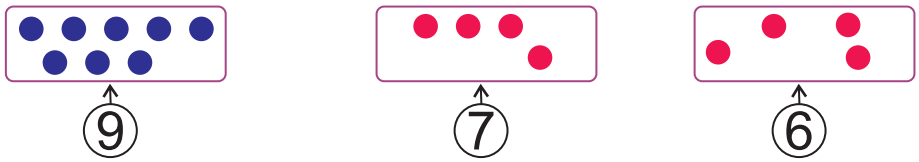
2+2=4, 2+1=3, 4+3=7



3. Dogry jogaplaryny tapýarys.



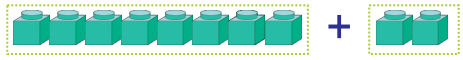
4. Ýetişmeýän tegelejikleri çyzýarys.



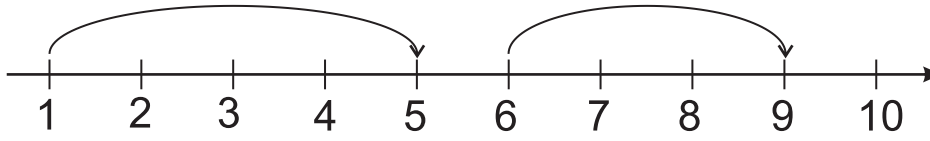
3-nji bap
1-nji ders

Goşmak amalynyň düzüm bölekleri

1. Hasaplaýarys.



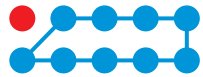
+ ☐ + ☐ = 10



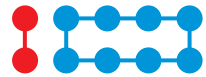
1 + 4 = ☐ 6 + 3 = ☐

3 + 4 = ☐ 6 – 4 = ☐ 3 + 1 = ☐

4 + 3 = ☐ 7 – 7 = ☐ 3 + 4 = ☐



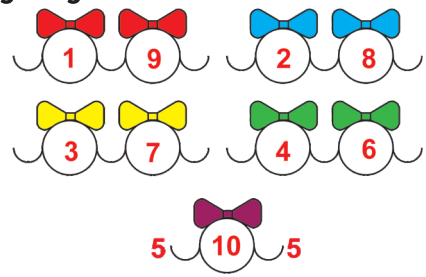
1 + ☐ = ☐☐



2 + ☐ = ☐☐

3 + ☐ = ☐☐

2. Hasaplaýarys.

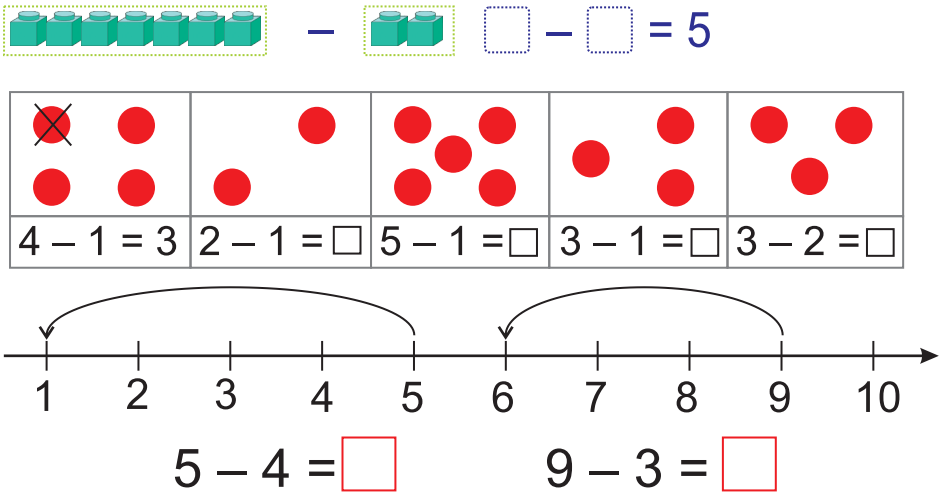


3. Gizlenen şekilleriň sanyny tapýarys.

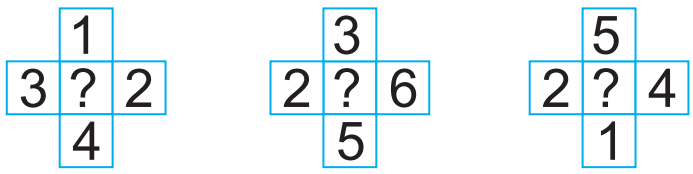
3-nji bap 2-nji ders

Aýyrmak amalynyň düzüm bölekleri

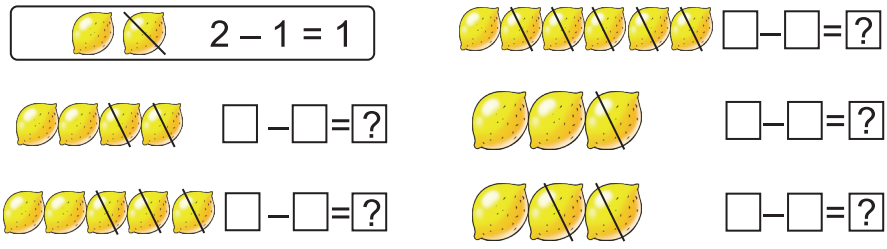
1. Tapawutlary hasaplaýarys.



2. Sorag belgisiniň ýerindäki sany tapýarys.



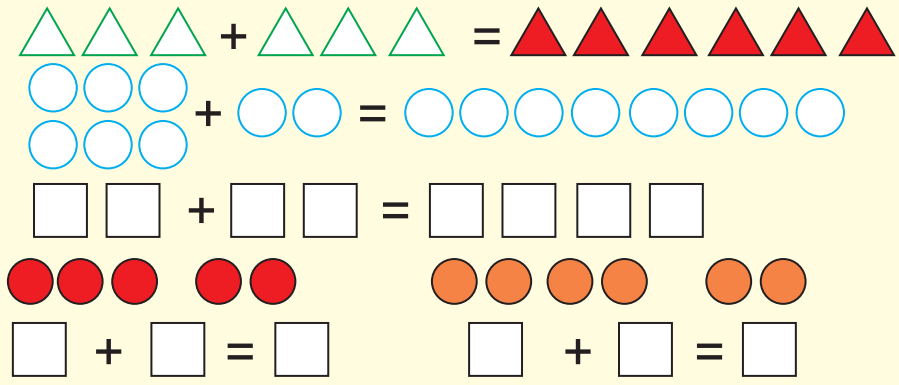
3. Hasaplaýarys.



3-nji bap
3-nji ders

10 içinde goşmak

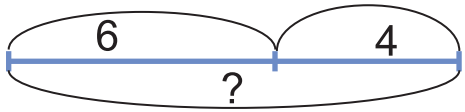
1. Netijeleri nusgadaky ýaly reňkleýäris.



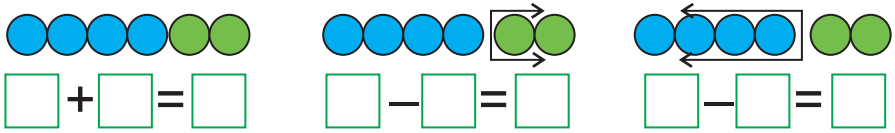
2. Hasaplaýarys.

4	5	2	3	1
+ 5	+ 4	+ 8	+ 5	+ 8
□	□	□□	□	□

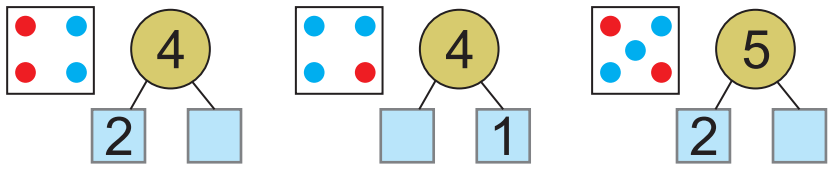
3. Mesele düzýäris we çözýäris.



□ + □ = □□

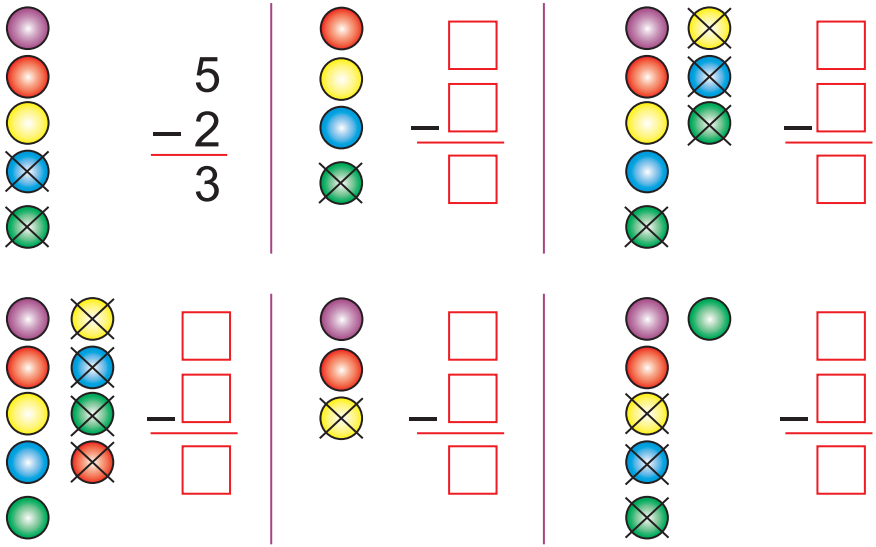


4. Degişli sanlary tapýarys.

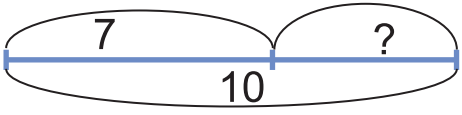


3-nji bap 4-nji ders | 10 içinde aýyrmak

1. Hasaplaýarys.

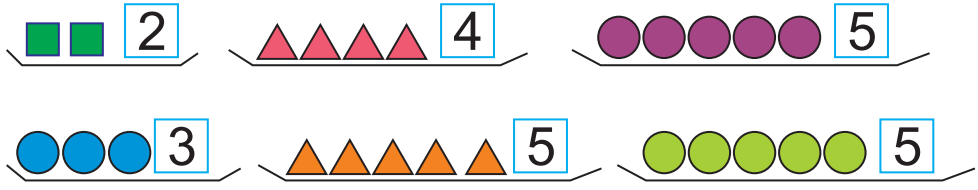


2. Mesele düzýäris we çözýäris.



□ – □ = □

3. Deňeşdiriýäris.



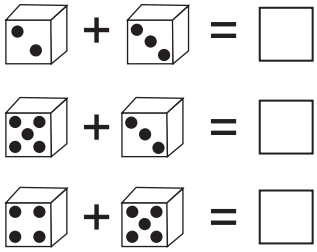
3 > 2
2 < 3

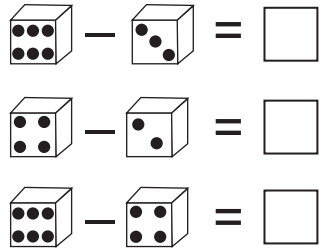
□ > □
□ < □

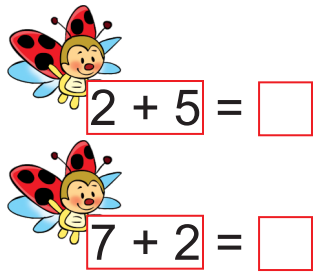
□ = □

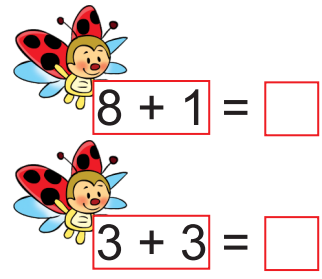
3-nji bap 5-nji ders | 10 içinde goşmak we aýyrmak

1. Hasaplaýarys.

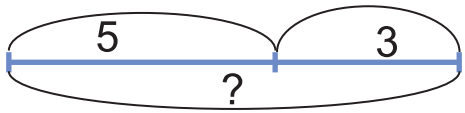




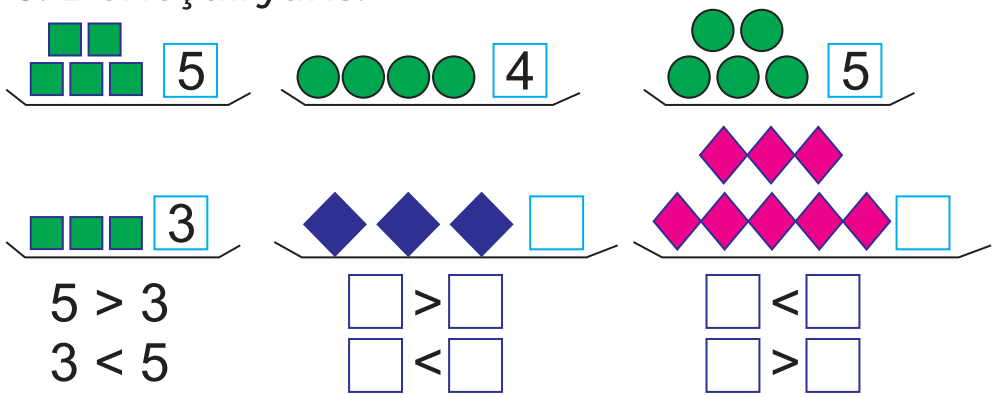




2. Mesele düzýäris we çözýäris.

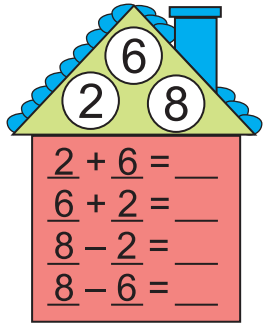


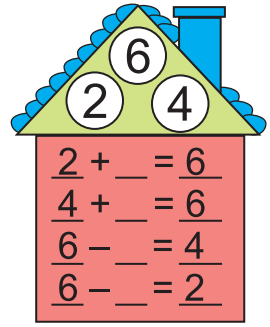
3. Deňeşdiryäris.

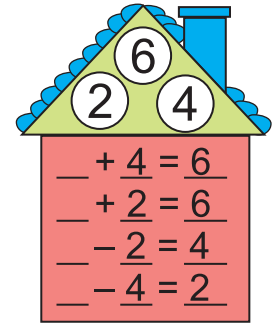


3-nji bap 6-njy ders | 10 içinde goşmak we aýyrmak

1. Hasaplaýarys.







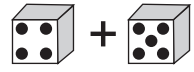
8 – 2 = ☐

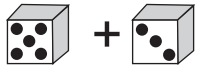
6 – 4 = ☐

5 – 1 = ☐

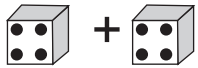
9 – 3 = ☐

8 – 3 = 5
3 + 5 = ☐
☐ + ☐ = 8


+ = 9

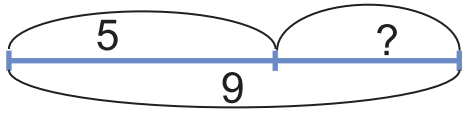

+ = ☐

+ = ☐


+ = ☐

+ = ☐☐

2. Mesele düzýäris we çözýäris.

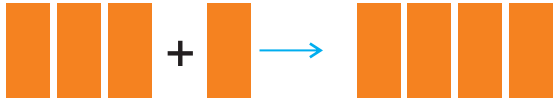


☐ – ☐ = ☐

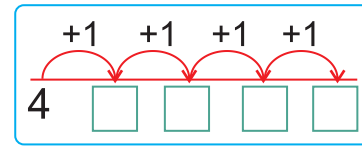
3-nji bap
7-nji ders

Sany birnäçe birlige artdyrmak we kemeltmek

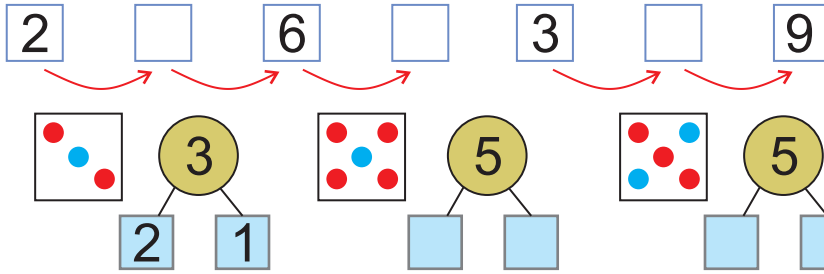
1. Boş gözenekleri doldurýarys.



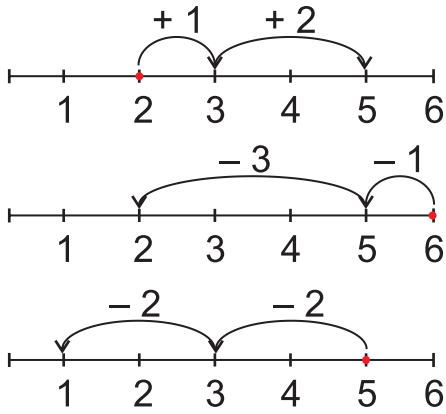
3 + □ = 4



2 + □ = 6



2. Nusgadaky ýaly ýerine ýetiryäris.



5 – 2 – 2 = 1

2 + 1 + 2 = □

6 – 1 – 3 = □

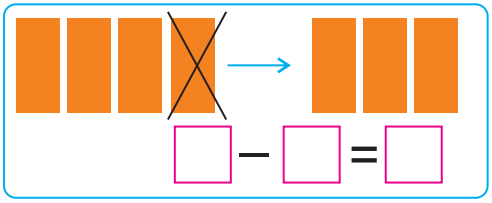
3. Hasaplaýarys.

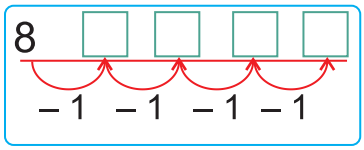
3 – 3 = □ 5 – 5 = □ 9 – 9 = □

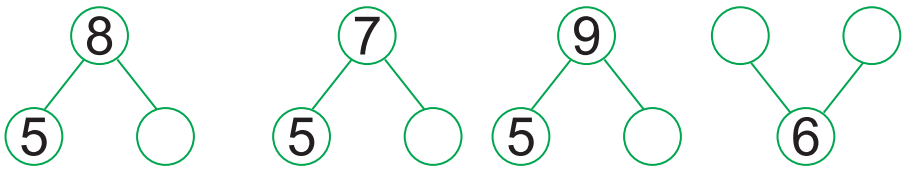
8 – 8 = □ 4 – 4 = □ 6 – 6 = □

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

1. Boş gözenekleri doldurýarys.







2. Hasaplaýarys.

2 + 3 =	1 + 4 =	3 + ☐ = 5
5 – 3 =	5 – ☐ =	5 – ☐ =

3. Deňeşdiriýäris.

7 ☐ 8	9 ☐ 6	7 ☐ 10 – 1	1 ☐ 4 – 2
6 ☐ 5	4 ☐ 8	10 ☐ 9 + 1	6 ☐ 9 – 2

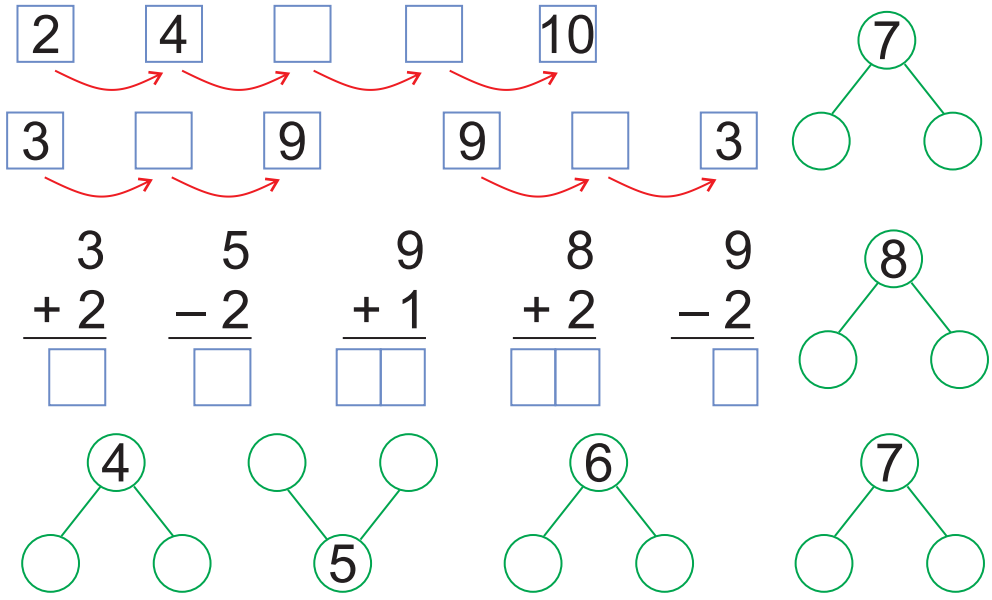
4. Jemi we tapawutlary tapýarys.

2 + 3 = ☐	3 + 1 = ☐	10 – 1 = ☐
5 – 2 = ☐	4 – 3 = ☐	9 – 1 = ☐
5 – 3 = ☐	4 – 1 = ☐	8 – 1 = ☐

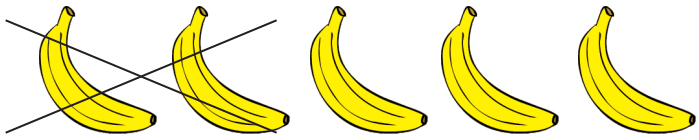
3-nji bap 9-njy ders

“... san artdyrmak” we “... san kemeltmek” düşünjeleri

1. Boş gözenekleri doldurýarys.



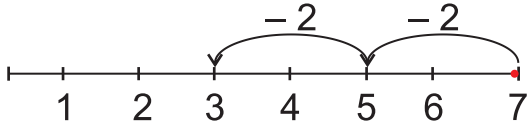
2. Näçe banan galdy?



□ – □ = □

3. Hasaplaýarys.

5 + 1 + 1	9 – 1 – 1	8 – 1 – 1
5 + 1 = □	9 – 1 = □	8 – 1 = □
6 + 1 = □	8 – 1 = □	7 – 1 = □

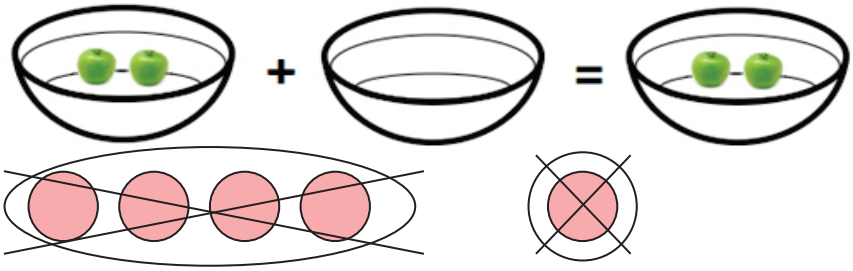


7 – 2 – 2 = □

3-nji bap
10-njy ders

Nol gatnaşmagynda goşmak we aýyrmak

1. Boş gözenekleri doldurýarys.



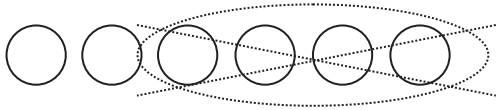
4 – 4 = ☐ 1 – 1 = ☐

2. Hasaplaýarys.

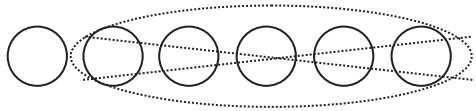
3 – 3 = ☐ 5 – 5 = ☐ 9 – 9 = ☐

8 – 8 = ☐ 4 – 4 = ☐ 6 – 6 = ☐

3. Hasaplamany ýerine ýetirýäris we reňkleýäris.



6 – ___ = ___

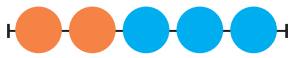


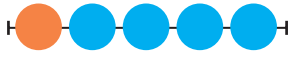
___ – ___ = ___

4. Surat esasynda hasaplaýarys.

4 + 1 = 5 5 – 1 = ☐

☐ + ☐ = 5 5 – 2 = ☐

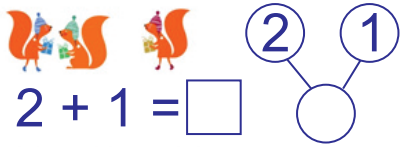
☐ + ☐ = 5  5 – 3 = ☐

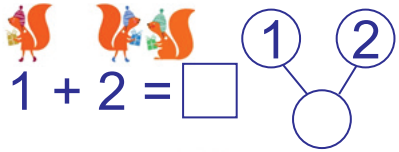
☐ + ☐ = 5  5 – 4 = ☐

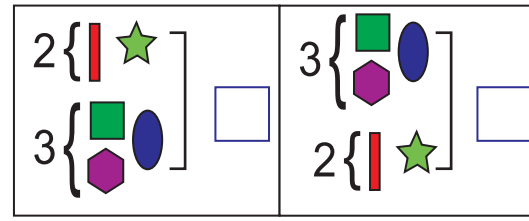
3-nji bap
11-nji ders

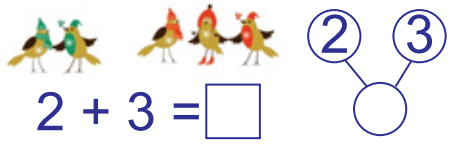
Goşmagyň orun çalyşma häsiýeti

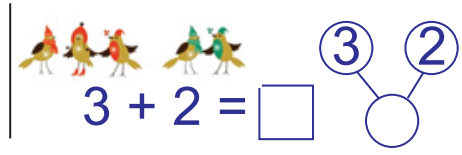
1. Boş gözenekleri doldurýarys.



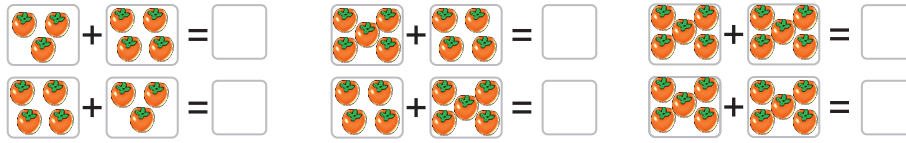




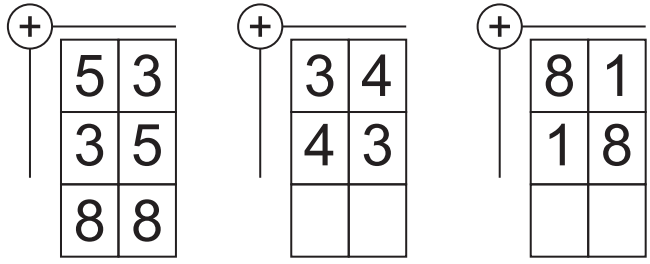




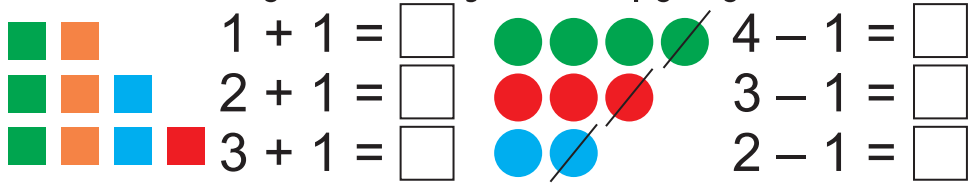
2. Jemleri tapýarys we deňeşdirýäris.



3. Hasaplaýarys.



4. Surat esasynda netijeleri tapýarys.



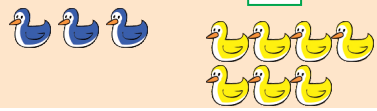
3-nji bap
12-nji ders

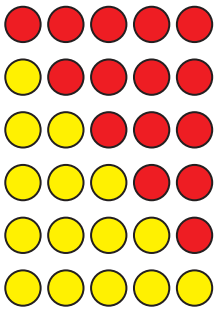
Goşmagyň orun çalyşma häsiýeti

1. Boş gözenekleri doldurýarys.

7 + 3 = ☐

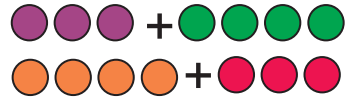
3 + 7 = ☐





5 + 0 = 5
1 + ☐ = 5
2 + ☐ = 5
3 + ☐ = 5
4 + ☐ = 5
0 + ☐ = 5

5 + 4 = 9
☐ + ☐ = 9



2. Nusga esasynda hasaplaýarys.

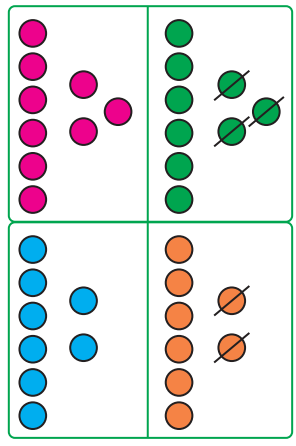
5 + 3 = 8
8 = 5 + 3

7 + 3 = 10
10 = ☐ + ☐

6 + 3 = ☐
☐ = ☐ + ☐

3. Surat esasynda hasaplamalary ýerine ýetirýäris.

6 + 3 = ☐
6 + 2 + 1 = ☐



9 – 3 = ☐
9 – 2 – 1 = ☐

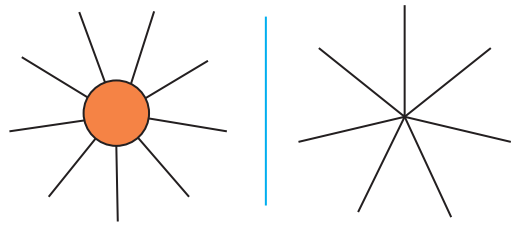
6 + 2 = ☐
6 + 1 + 1 = ☐

8 – 2 = ☐
8 – 1 – 1 = ☐

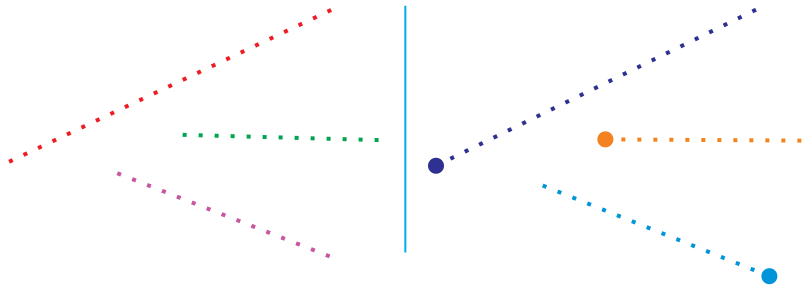
3-nji bap
13-nji ders

Nokat. Kesim. Göni çyzyk. Şöhle. Döwük çyzyk we egri çyzyk

1. Suratlary deňeşdirýäris we olaryň ýanyna özüne meňzeşini çyzýarys.



2. Nokatlaryň üstünden çyzyp, emele gelen şekilleri deňeşdirýäris.



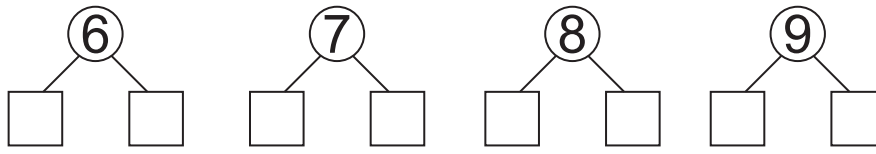
3. Netijeleri hasaplaýarys.

$3 + 2 = \square$
$4 + 3 = \square$
$6 + 1 = \square$

$7 - 2 = \square$
$8 - 4 = \square$
$9 - 1 = \square$

$$\begin{array}{r} 5 \\ +\ 4 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ -\ 2 \\ \hline \square \end{array}$$

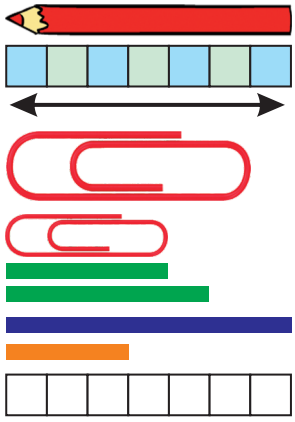
4. Boş gözenekleri doldurýarys.

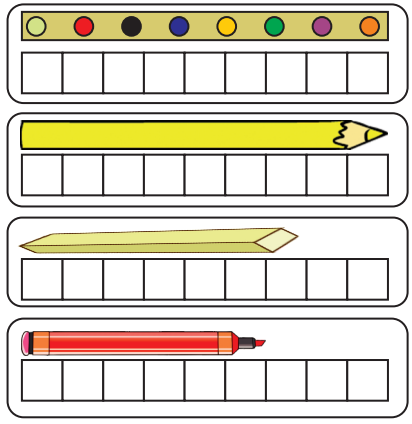


3-nji bap
14-nji ders

Zatlaryň uzynlygyny ölçemek

1. Zatlaryň uzynlygyny gözenekleriň sany bilen deňeşdirýäris.



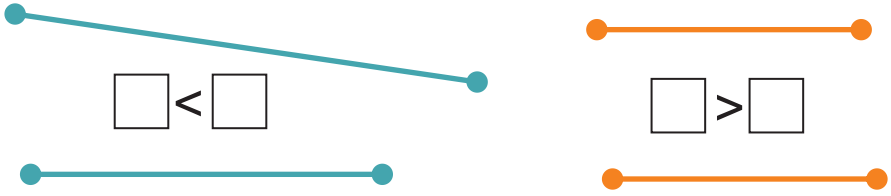


2. Kemeliji we kemeldijiler nämä deň?

10 – □ = 9 10 – □ = 8 □ – 4 = 5

□ – 2 = 8 10 – □ = 7 8 – □ = 6

3. Kesimleri çen bilen deňeşdirýäris.



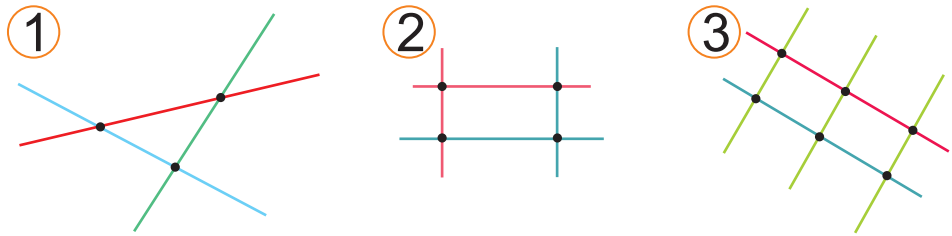
4. Hasaplaýarys.

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

4-nji bap
1-nji ders

Geometrik şekiller

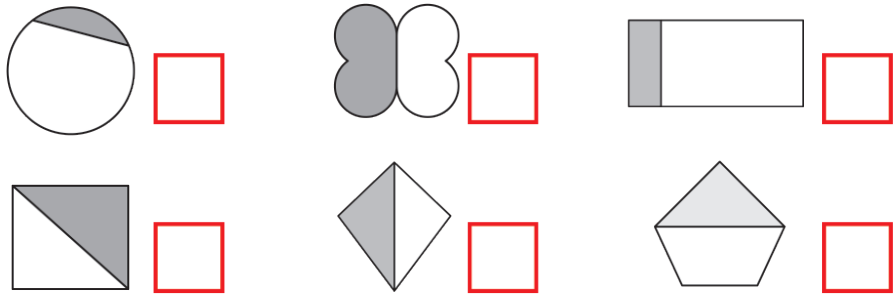
1. Suratlaryň hersinde näçeden göni çyzyk bar?



2. Nokatlaryň üstünden çyzýarys, egri çyzyklary tapýarys.

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

4. Haýsy şekil artykmaç?

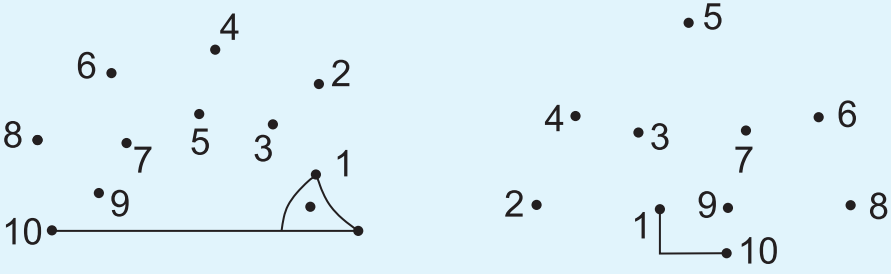


4-nji bap 2-nji ders

Burçuň görnüşleri

1. Nokatlaryň üstünden çyzyp, burçlar emele getirýäris.

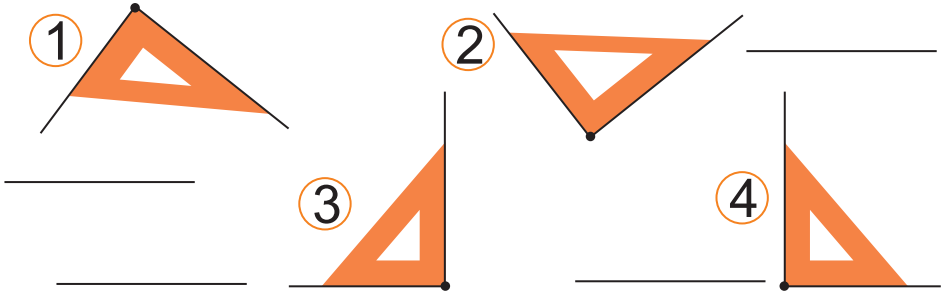
2. Nokatlary sanlar tertibinde utgaşdyrýarys.



3. Hasaplaýarys.

8 – 6 + 3 + 4 = □ 9 – 3 – 5 + 7 = □

4. Nähili burçlary görýärsiňiz? Atlaryny ýazýarys.



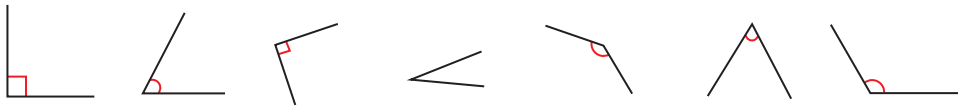
5. Deňeşdirýäris.

5 □ 3 6 □ 6 3 □ 5 4 □ 2

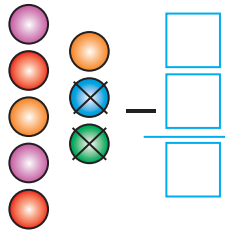
4-nji bap
3-nji ders

Burçuň görnüşleri

1. Burçuň görnüşlerini ýazýarys.



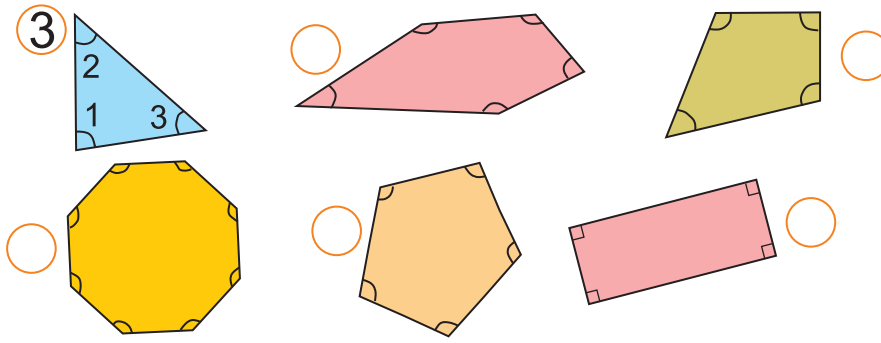
2. Hasaplamalary ýerine ýetirýäris.



$$\begin{array}{r} 2 \\ +\,4 \\ \hline \square \end{array} \qquad \begin{array}{r} \square \\ -\,2 \\ \hline \square \end{array}$$

$8 + 2 = \square$

3. Her bir şekilde näçedan burç bar?
Sanaýarys we ýazýarys.



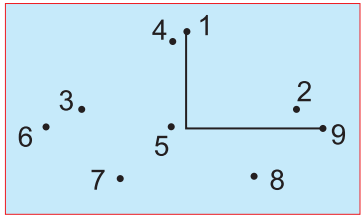
4. Hasaplaýarys.

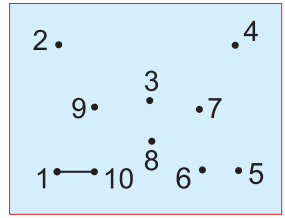
$4 + \square = 7$	$2 + \square = 8$	$1 + \square = 6$
$3 + \square = 7$	$8 - \square = 6$	$6 - \square = 5$

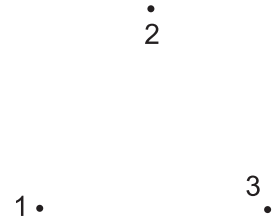
4-nji bap
4-nji ders

Üçburçluk we onuň elementleri

1. Nokatlary yzygiderlikde utgaşdyrýarys.







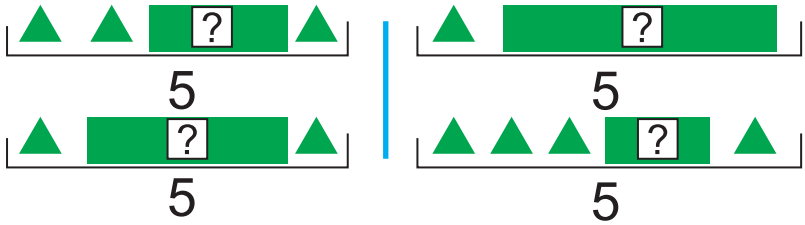
2. Deňeşdirýäris.

4 ☐ 7 6 ☐ 8 9 ☐ 1 5 ☐ 5 0 ☐ 5

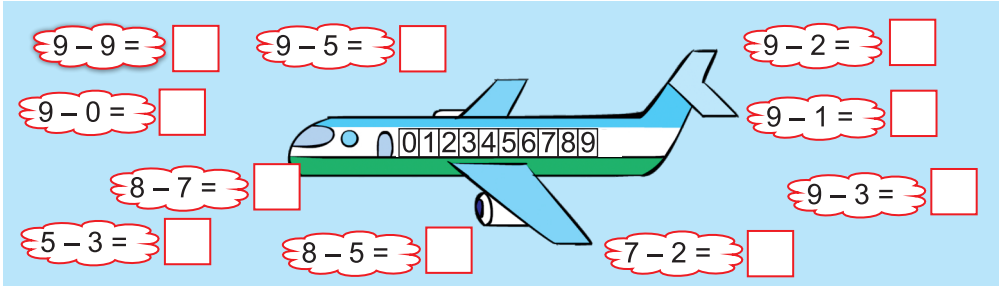
3. Hasaplaýarys.

5	5	3	9	9	7
+ 4	+ 0	+ 6	– 5	– 3	– 3
☐	☐	☐	☐	☐	☐

4. Näçe üçburçluk ýapyk durandygyny tapýarys.

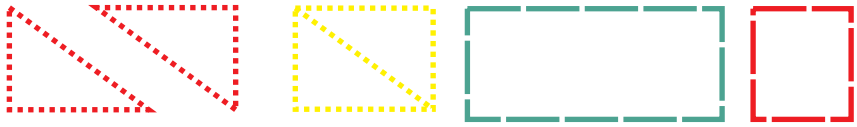


5. Hasaplaýarys we netijeleri reňkleýäris.

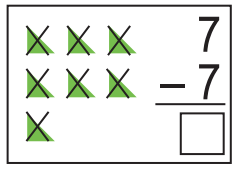


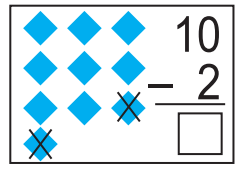
4-nji bap 5-nji ders | Dörtburçluk we onuň elementleri

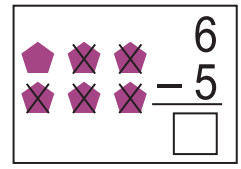
1. Çyzygyň üstünden çyzýarys we reňkleýäris.



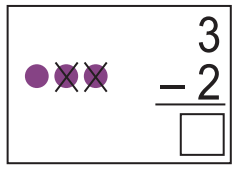
2. Netijeleri hasaplaýarys.

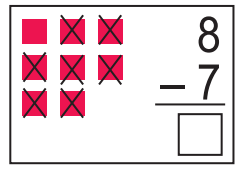


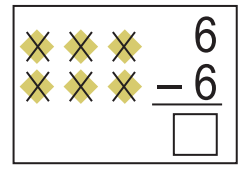


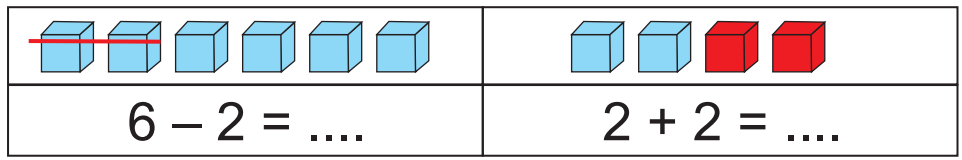


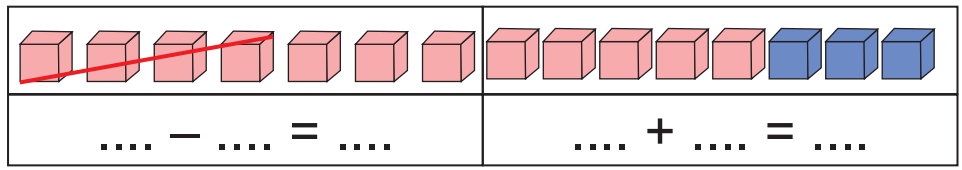
6 + 2 = ☐
4 + 3 = ☐
6 + 3 = ☐
5 + 2 = ☐



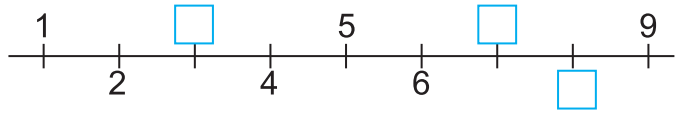








3. Boş gözenekleri doldurýarys.



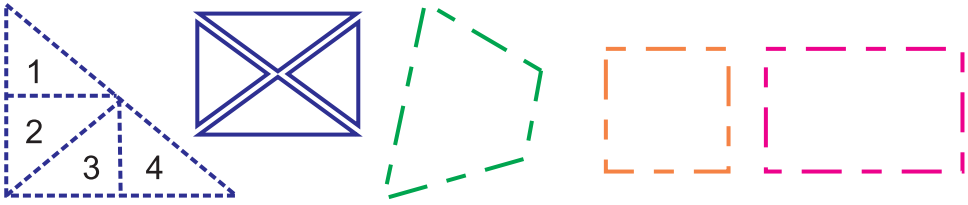
9 – ☐ = 4 6 + ☐ = 9 ☐ – 6 = 3

☐ + 2 = 9 ☐ – 7 = 2 ☐ – 1 = 8

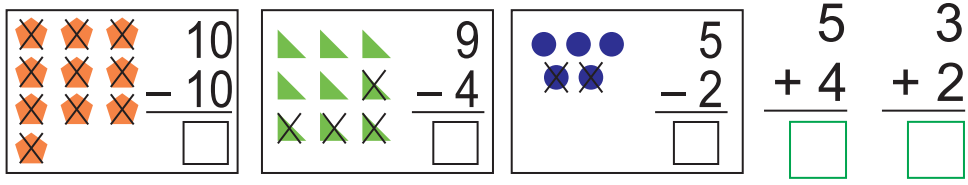
4-nji bap
6-njy ders

Gönüburçluk we kwadrat

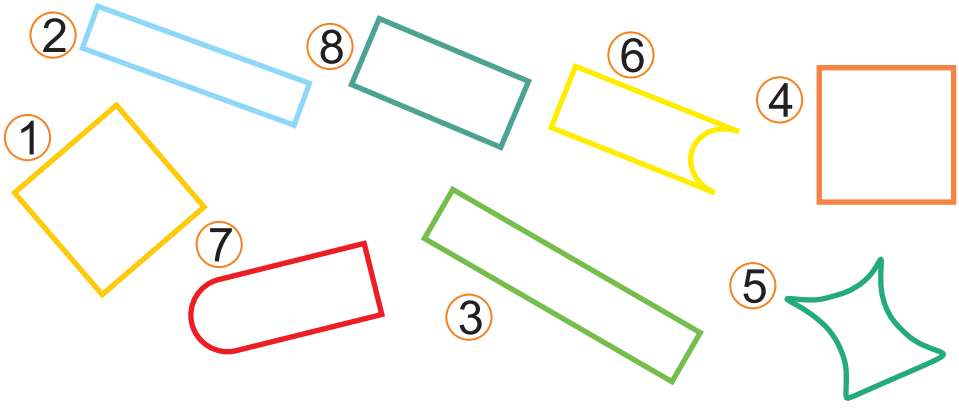
1. Şekilleri çyzýarys we reňkleýäris.



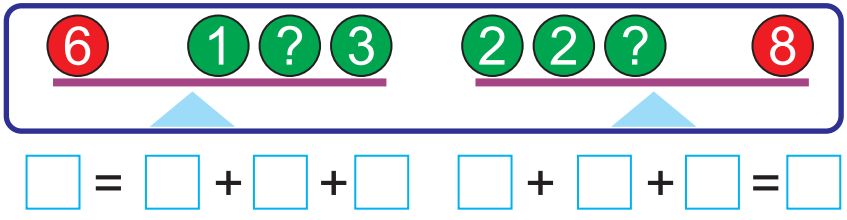
2. Netijeleri hasaplaýarys.



3. Haýsy şekiller gönüburçly däl?



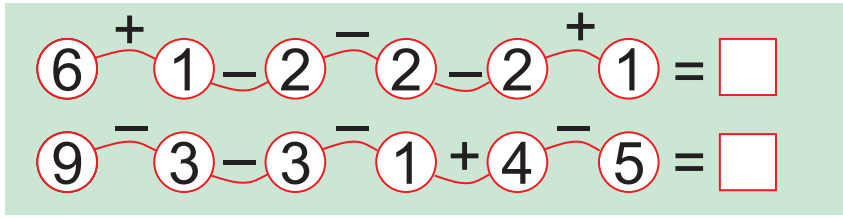
4. Surata garap hasaplaýarys.



4-nji bap
7-nji ders
Köpburçluklar

1. Haýsysy köpburçluk däl?
Köpburçluklary reňkleýäris.

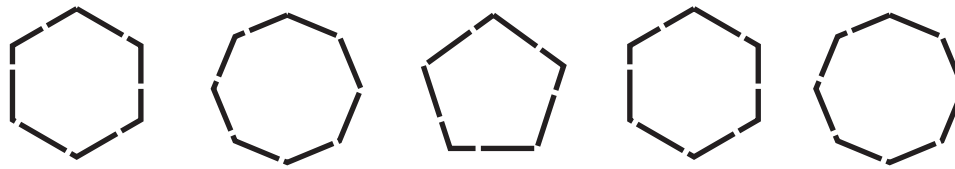
2. Boş gözenekleri doldurýarys.



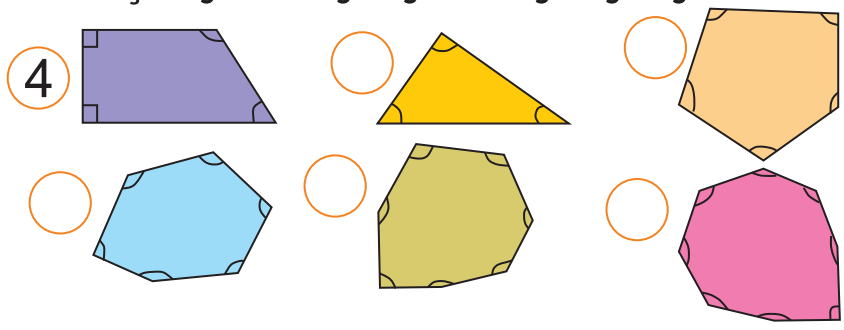
6 + 1 = 7 5 + 2 = 4 + 3 =

1 + 6 = □ □ + □ = □ + □ =

3. Meňzeş şekilleri birmeňzeş reňke reňkleýäris.



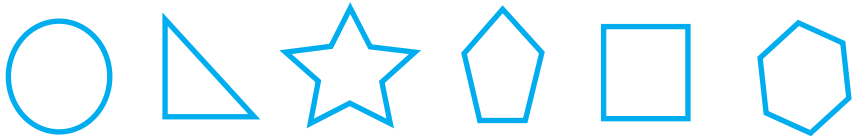
4. Burçlary sanaýarys we ýazýarys.



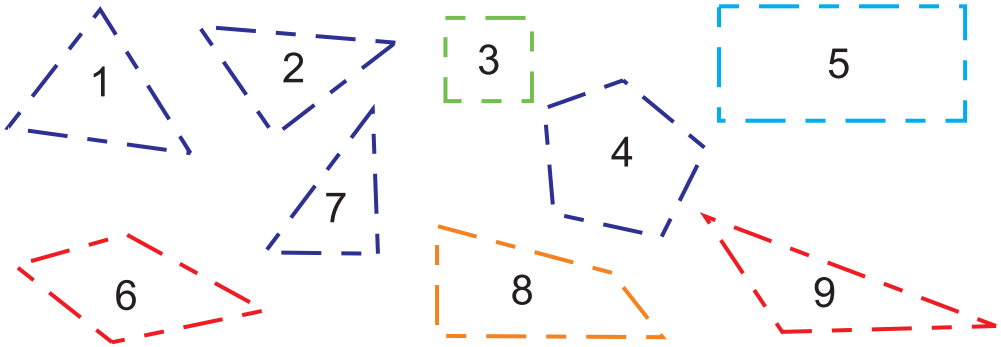
4-nji bap
8-nji ders

Köpburçluklar

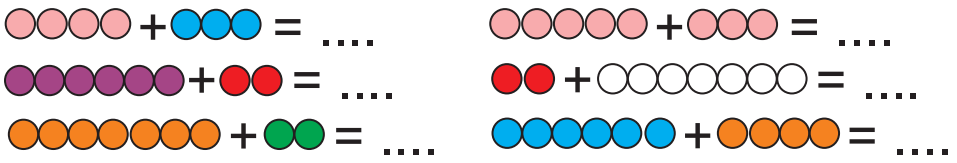
1. Köpburçluklary anyklap, olary reňkleýäris.



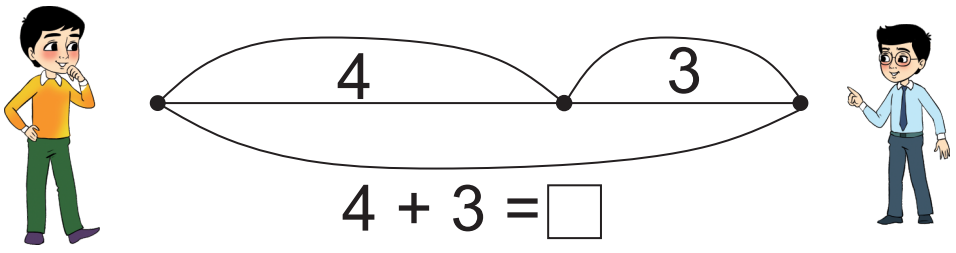
2. Şekilleri çyzýarys, içinden üçburçluklary we dörtburçluklary görkezýäris.



3. Hasaplaýarys.



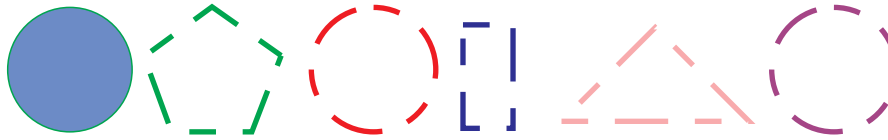
4. Mesele düzýäris we çözýäris.



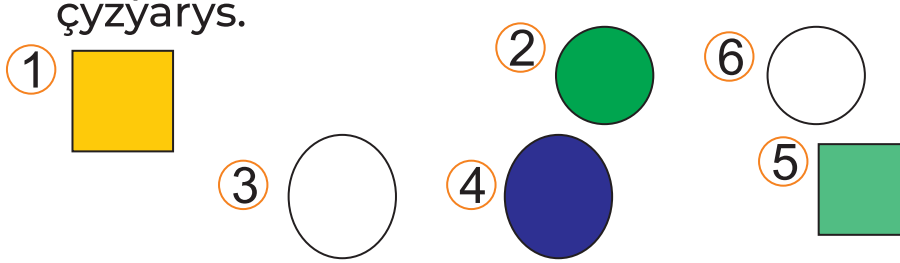
4-nji bap
9-njy ders

Töwerek we tegelek

1. Çyzýarys we köpburçluklary reňkleýäris.

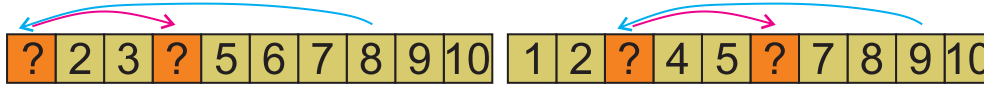


2. Şekillerde näme artykmaç? Ony üstünden çyzýarys.



3. Sanlar nähili tertipde ýerleşen?

4. Hasaplaýarys.



1 + 4 = ☐ 3 + ☐ = 9

8 – 1 = ☐ 9 – 3 = ☐

5. Deňeşdiryýäris.

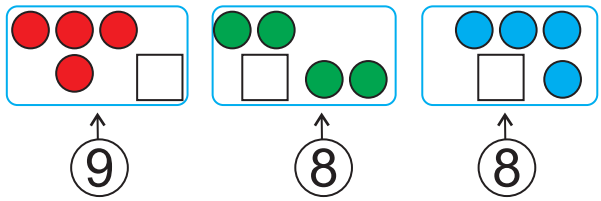
6 ☐ 7 0 ☐ 5 8 ☐ 3

4 ☐ 9 5 ☐ 8 5 ☐ 4

4-nji bap
10-njy ders

Töwerek we tegelek

1. Ýetişmeýän şekilleriň sanyny ýazýarys.

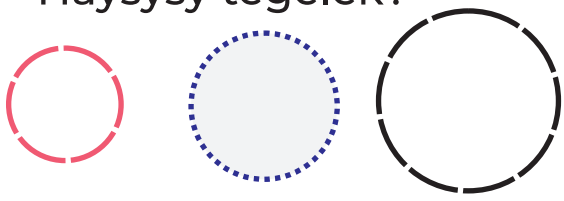


2. Deňeşdiräris.

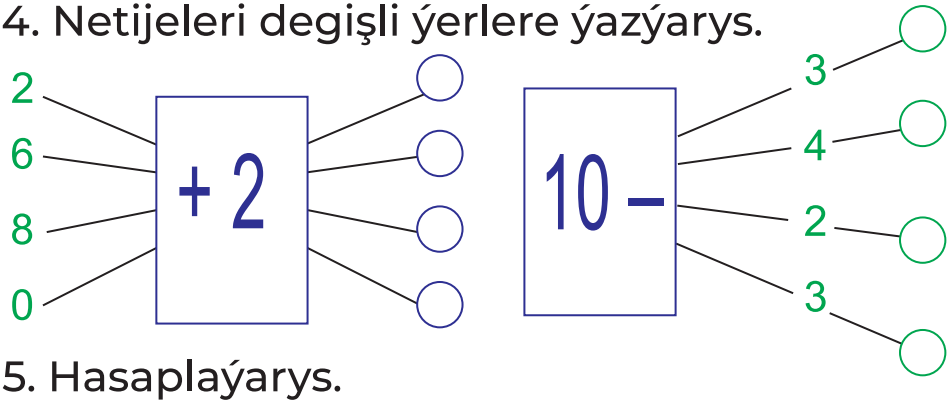
< = >

9 ☐ 8
8 ☐ 8
8 ☐ 9
7 ☐ 9
6 ☐ 9

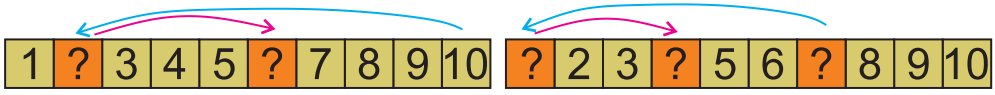
3. Şekilleri çyzýarys we reňkleýäris. Haýsysy tegelek?



4. Netijeleri degişli ýerlere ýazýarys.



5. Hasaplaýarys.

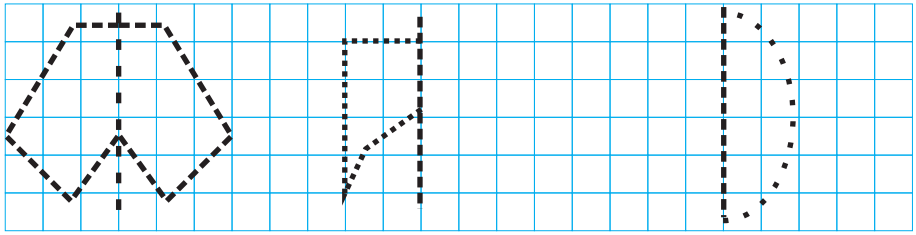


2 + 4 = ☐
10 – 8 = ☐

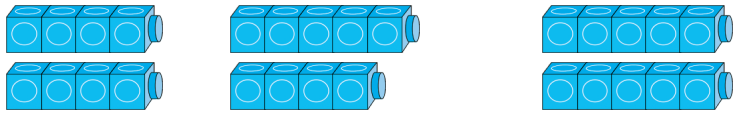
1 + ☐ = 4
7 – 6 = ☐

4-nji bap 11-nji ders | Simmetriýa

1. Nusga esasynda şekiliň ikinji bölegini çyzýarys.



2. Boş gözenekleri doldurýarys.



□ + □ = 8 □ + □ = 9 □ + □ = 10

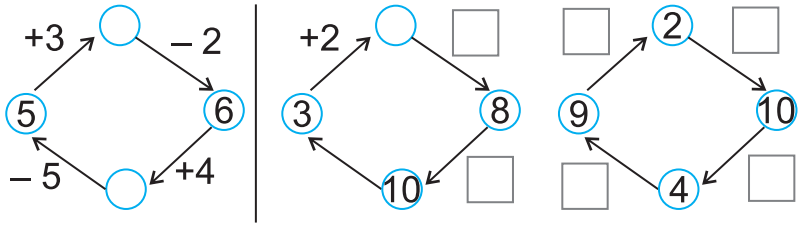
3. Haýsy bölekler özara simmetrik hasaplanýar? Olary reňkleýäris.

4. Hasaplaýarys.

5 + 1 = □ 8 – 2 = □ 8 + 2 = □□

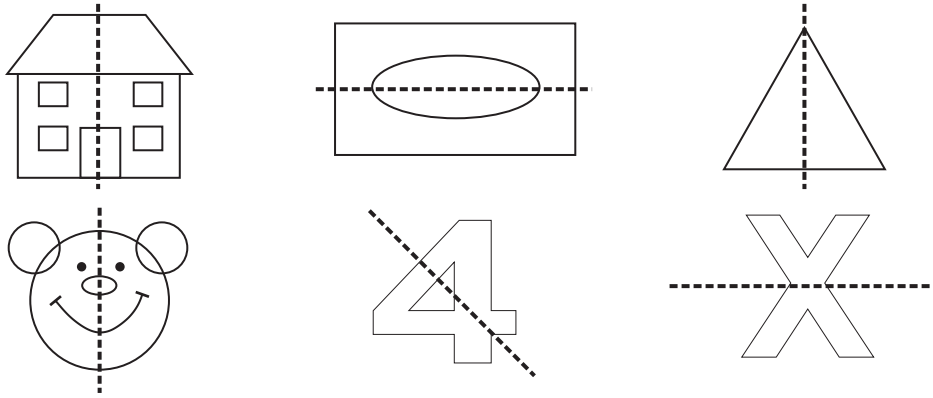
7 + 2 = □ 7 – 4 = □ 9 + 1 = □□

5. Yzygiderlik esasynda hasaplaýarys.



4-nji bap 12-nji ders | Simmetriýa

1. Şekilleriň bölekleri özara simmetrik ýerleşenmi? Olary reňkleýäris.



2. Boş gözenekleri doldurýarys.

□ – □ = 5
3 + □ = □
□ + 5 = □

□ – □ = 6
6 + □ = 10
□ + 4 = □

3. Hasaplaýarys.

7 – 5 = □	2 + 5 = □	7 + 3 = □
4 + 3 = □	3 + 6 = □	10 – 9 = □

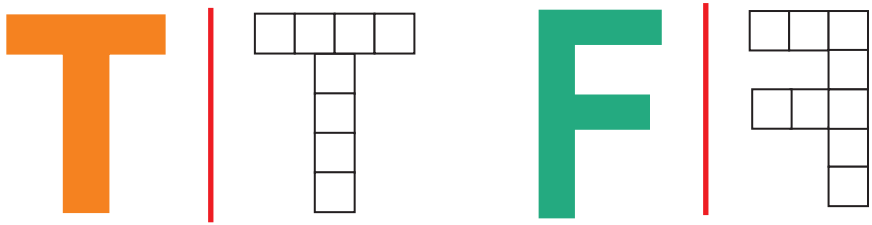
4. Deňeşdiriýäris.

7 □ 7	6 □ 5	7 □ 2	9 □ 10
8 □ 9	4 □ 8	3 □ 4	10 □ 1

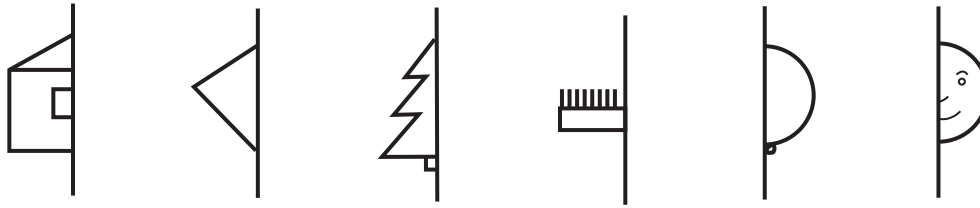
4-nji bap
13-nji ders

Simmetriýa

1. Şekiller özara simmetrik ýerleşenmi?



2. Suratlaryň ikinji ýarysyny simmetrik çyzýarys.



3. Jemleri tapýarys we netijäni barlaýarys.

5 + ☐ = ☐
3 + ☐ = ☐
8 – ☐ = 5

5 + ☐ = ☐
4 + ☐ = ☐
9 – ☐ = 5

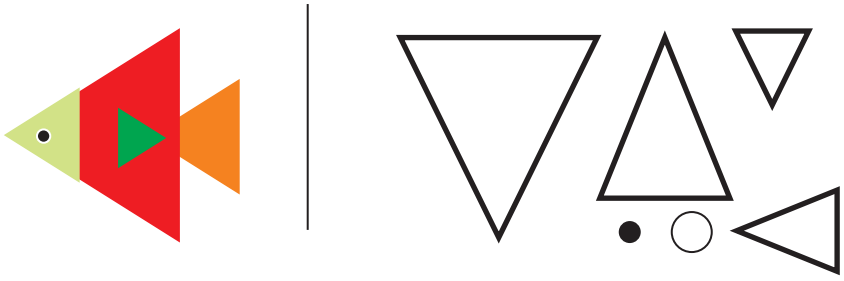
4. Hasaplaýarys.

9 – 1 + 1 = ☐ 6 – 2 + 6 = ☐ 5 + 5 – 2 = ☐
4 + 5 – 3 = ☐ 9 – 2 + 1 = ☐ 8 – 0 – 4 = ☐

4-nji bap
14-nji ders

Böleklerden bitini, bitinden bölekleri emele getirmek

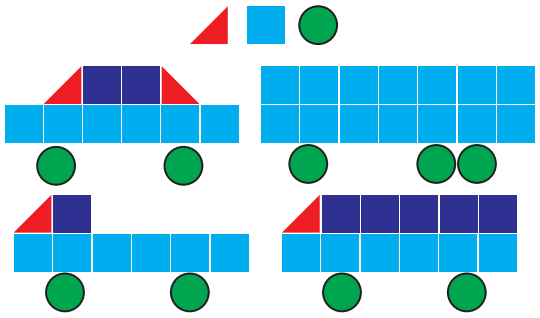
1. Surat esasynda bölekleri reňkleýäris.

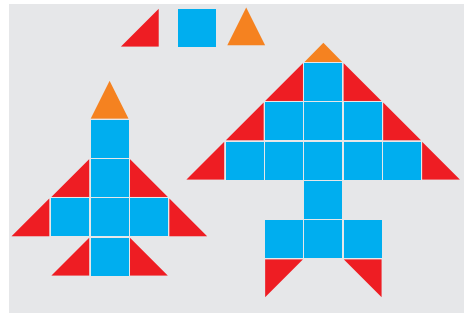


2. Hasaplaýarys.

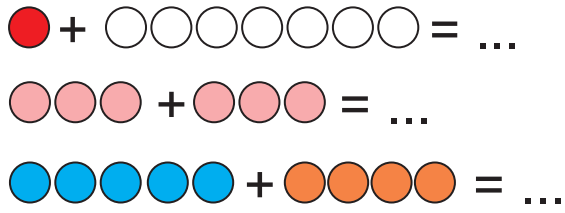
3 – 1 = ☐	9 – 1 = ☐	8 + 2 = ☐
9 – 3 = ☐	1 + 7 = ☐	4 + 4 = ☐

3. Suratlar nähili şekillerden emele getirilen?





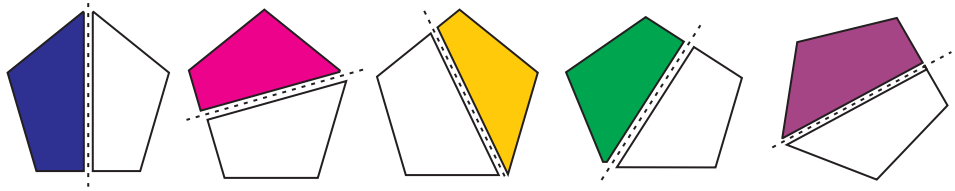
4. Hasaplaýarys.



4-nji bap
15-nji ders

Böleklerden bitini, bitinden bölekleri emele getirmek

1. Şekilleriň ikinji bölegini reňkleýäris.



2. Boş gözenekleri doldurýarys.

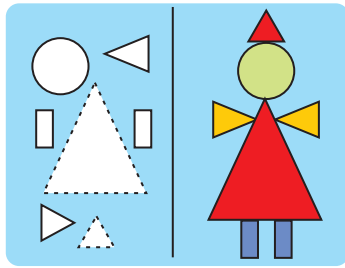
9 – ☐ = 5

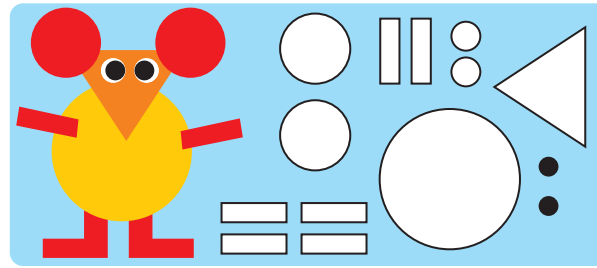
☐ – 5 = 4

4 + ☐ = 9

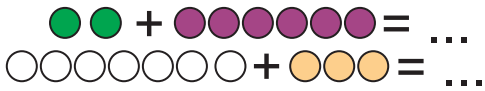
☐ + ☐ = 9

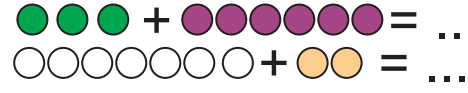
3. Surat esasynda bölekleri reňkleýäris.

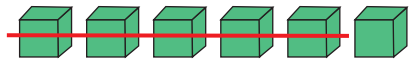
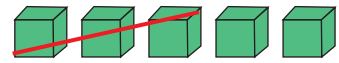
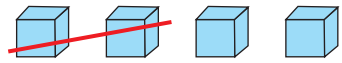
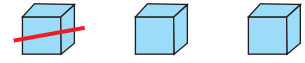




4. Hasaplaýarys.



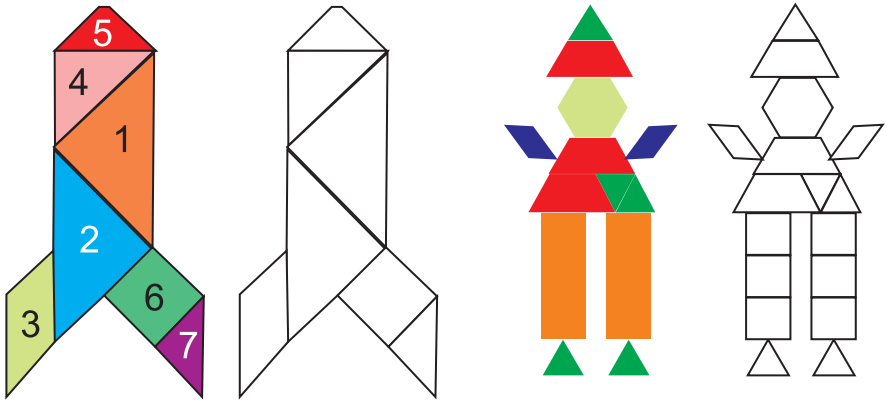


	
6 – 5 = ...	5 – 3 = ...
	
4 – 2 = ...	3 – 1 = ...

4-nji bap
16-njy ders

Dürli şekilleri ýasamak

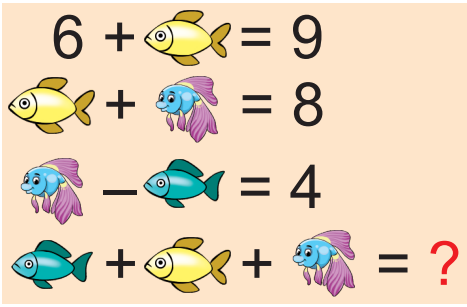
1. Nusga garap reňkleýäris.

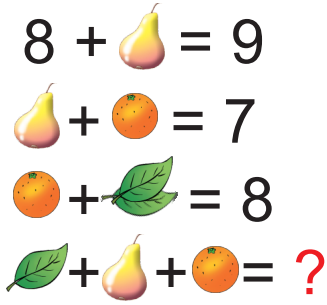


2. Hasaplaýarys.

5	5	7	9
+ 2	– 2	+ 2	– 7
☐	☐	☐	☐

3. Sorag belgisiniň ýerindäki sany tapýarys.



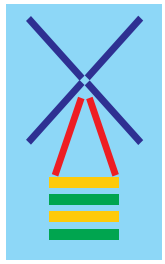
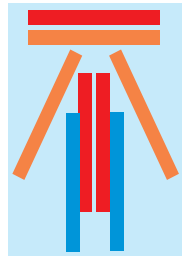


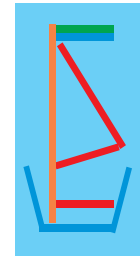
4. Jemleri we tapawutlary tapýarys.

6 + 4 = ☐☐	10 – 5 = ☐☐	7 + 3 = ☐☐
2 + 8 = ☐☐	9 – 2 = ☐☐	8 – 2 = ☐☐

4-nji bap 17-nji ders | Dürli şekilleri ýasamak

1. Çöpleriň kömeginde şekilleri guryarys.

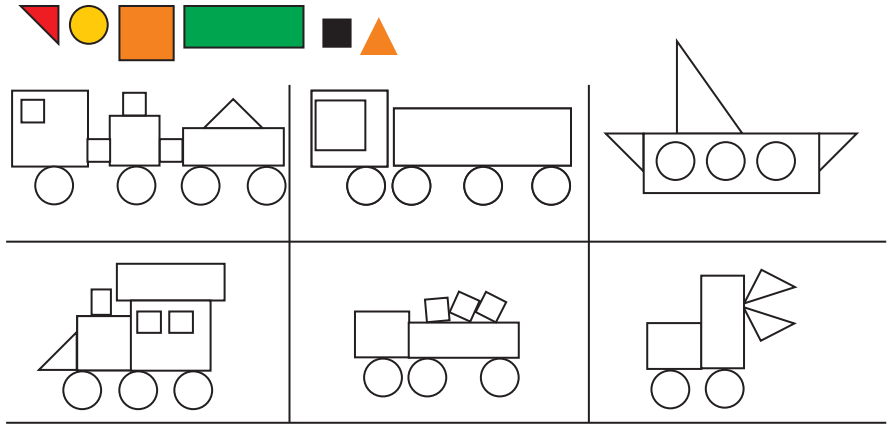


2. Boş gözenekleri doldurýarys.

10 – □ = 9 10 – □ = 8 □ – 4 = 5

□□ – 2 = 8 10 – □ = 7 8 – □ = 6

3. Şekilleri nusgadaky ýaly reňkleýäris.



4. Hasaplaýarys.

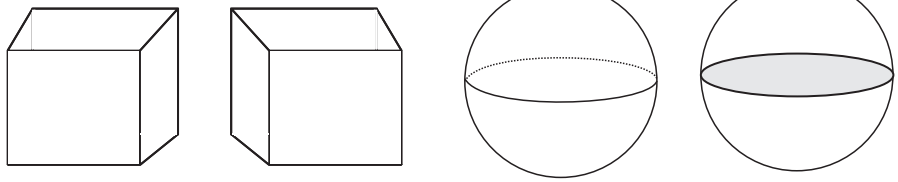
6 – 2 = □ 9 – 5 = □ 9 – 3 = □

0 + 6 = □ 5 + 2 = □ 3 + 2 = □

4-nji bap
18-nji ders

Giňişlikdäki ýönekeý şekiller

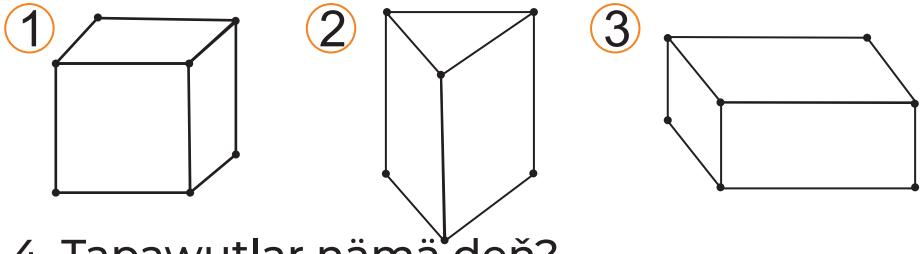
1. Kublary ýaşyl, şarlary gyzyl reňke reňkleýäris.



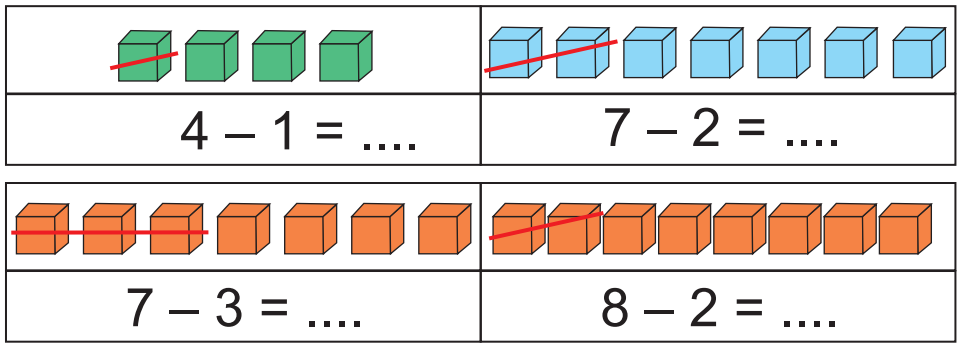
2. Hasaplaýarys.

9 – 4 + 2 = ☐	7 + 2 – 9 = ☐	3 + 5 = ☐
8 + 1 – 5 = ☐	3 + 4 + 1 = ☐	0 + 2 = ☐
6 – 3 – 1 = ☐	5 – 3 + 4 = ☐	4 – 3 = ☐

3. Her bir şekilde näçe kesim bardygyny tapýarys.

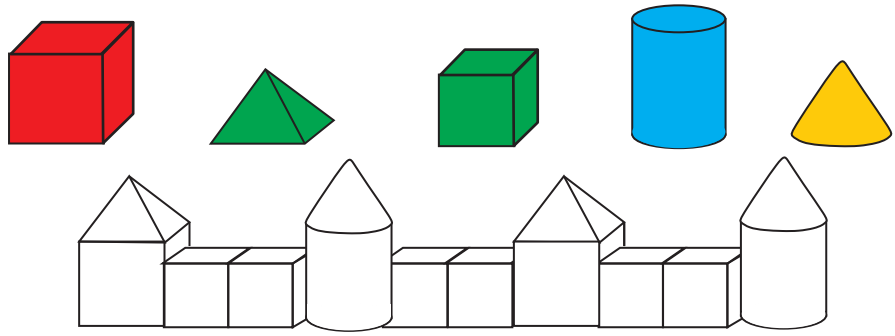


4. Tapawutlar nämä deň?

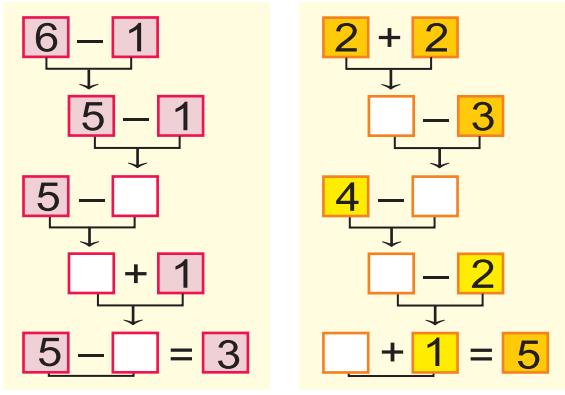


4-nji bap 19-njy ders | Giňişlikdäki ýönekeý şekiller

1. Şekilleri nusgadaky ýaly reňkleýäris.



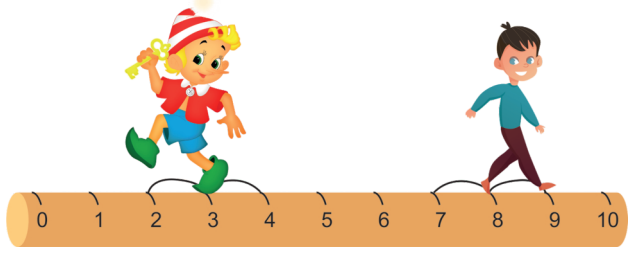
2. Boş gözenekleri doldurýarys.



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

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

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

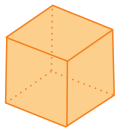
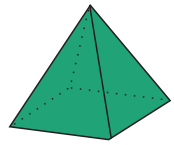
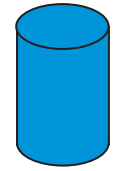


□ − □ − □ = □ □ + □ + □ = □

4-nji bap
20-nji ders

Giňişlikdäki ýönekeý şekiller

1. Şekilleriň ýanyna meňzeş şekil çyzýarys.

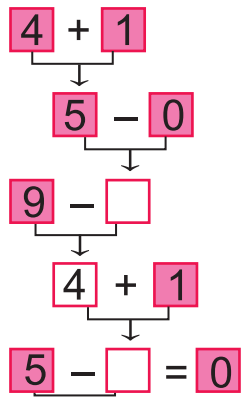
2. Hasaplamalary ýerine ýetirýäris.

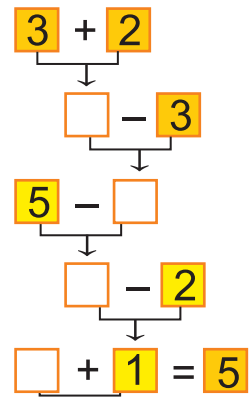
4 + □ = 7	8 – □ = 8	3 + 5 – □ = 7
□ – 2 = 6	0 + □ = 5	1 + 6 + □ = 9
5 + □ = 9	□ – 7 = 0	9 – □ – □ = 4

3. Hasaplaýarys.

3	7	8	2	9
+ 6	– 3	– 5	+ 6	– 7
□	□	□	□	□

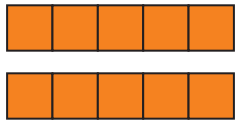
4. Boş gözenekleri doldurýarys.





5-nji bap
1-nji ders

11-den 20-ä çenli bolan sanlar



5 + ☐ = 10

10

1. Netijäni hasaplaýarys.

10 −2 −2 −2 = ☐ ☐ + ☐ = ☐

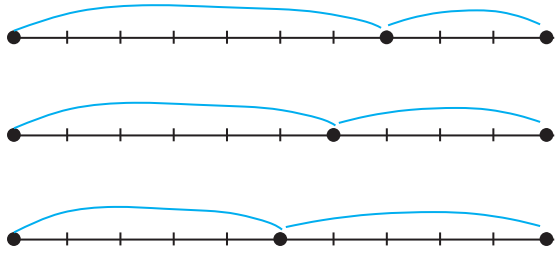
3 +3 +3 −9 +10 = ☐ ☐ − ☐ = ☐

2. Çyzgy esasynda hasaplaýarys.

2 + 1 = ☐ ☐ + ☐ = ☐

4 − ☐ = 3 ☐ − ☐ = ☐

3. Nusgadaky ýaly ýerine ýetiryäris.



7 + 3 = ☐☐

☐ + ☐ = ☐☐

☐ + ☐ = ☐☐

4. Hasaplaýarys.

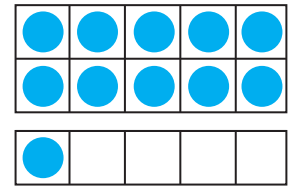
1 + 2 + 2 = ☐ 7 + 2 = ☐

9 − 2 − 2 = ☐ 9 − 3 = ☐

5-nji bap
2-nji ders

11 sany

11

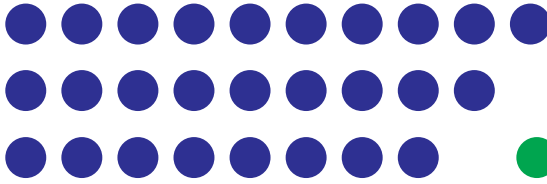


□□ + □ = □□

1. Netijeleri hasaplaýarys.

5 – 1 = □	4 + 2 = □	9 – 0 = □
9 – 9 = □	9 + 0 = □	4 – 4 = □
4 + 0 = □	4 – 0 = □	4 + 1 = □

2. Sanaýarys we ýazýarys.



● = ...

●● = ...

●●● = ...

3. Hasaplaýarys.

8 + 1 = □	5 + 1 – 2 = □
5 + 1 = □	9 + 1 – 3 = □
7 – 2 = □	7 – 2 + 3 = □

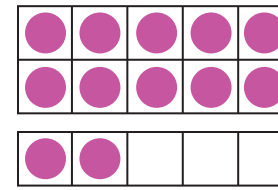
4. Amallary ýerine ýetiryäris.

3 + 6 – 3 = □	11 + 6 – 7 = □□
8 – 3 + 4 = □	11 – 1 + 1 = □□
9 – 4 – 1 = □	11 + 1 – 2 = □□

5-nji bap
3-nji ders

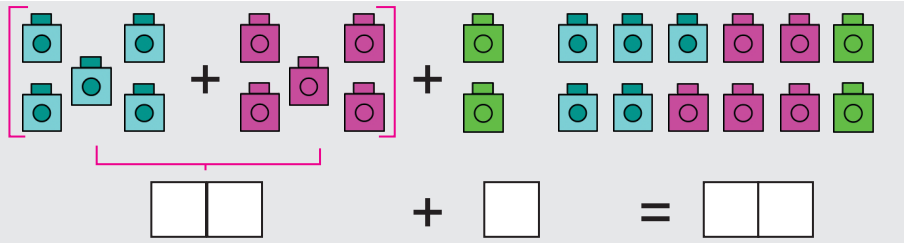
12 sany

12



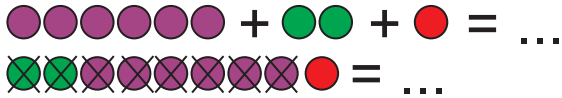
□□ + □ = □□

1. Boş gözenekleri doldurýarys.



□□ + □ = □□

2. Hasaplaýarys.



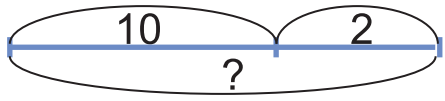
... 6 + 2 + 1 = □

... 9 – 2 – 6 = □

...

...

3. Çyzgy esasynda hasaplaýarys.



□□ + □ = □□

4. Jemler we tapawutlar nämä deň?

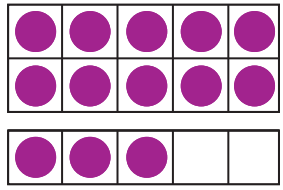
6 + 3 = □ 8 – 3 = □ 0 + 3 = □

7 + 2 = □ 9 – 2 = □ 1 + 0 = □

5-nji bap
4-nji ders

13 sany

13

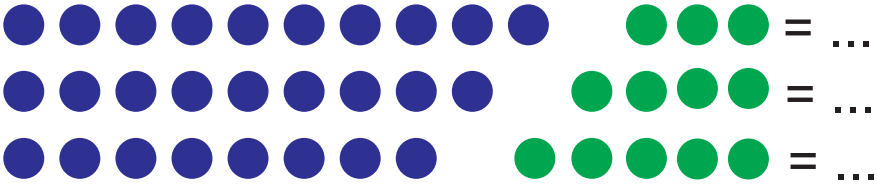


□□ + □ = □□

1. Netijeleri hasaplaýarys.

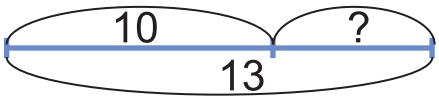
3 + 4 = □	6 – 5 = □	8 + 2 = □□
5 + 3 = □	7 – 6 = □	9 + 1 = □□
6 + 3 = □	8 – 7 = □	3 + 7 = □□

2. Sanaýarys we ýazýarys.



= ...
= ...
= ...

3. Tapawut nämä deň?



□□ – □□ = □

4. Hasaplaýarys.

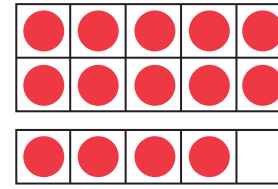
5 + 3 = □	9 – 1 = □	7 – 3 = □
5 + 2 = □	9 – 2 = □	7 – 2 = □
5 + 1 = □	9 – 3 = □	7 – 1 = □
8 + 0 = □	8 + 1 = □	8 + 2 = □□

5-nji bap
5-nji ders

14 sany

□□ + □ = □□

14



1. Boş gözenekleri doldurýarys.

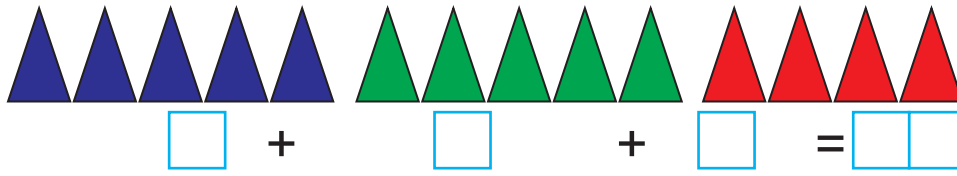
$$\begin{array}{r} 2 \\ +\,2 \\ \hline \square \end{array} \qquad \square \quad +4 \quad \square$$

$$\begin{array}{r} 7 \\ +\,1 \\ \hline 8 \end{array} \qquad \square \quad +2 \quad \square\square$$

2. Jemler nämä deň?

○○○○○○○ + ●●● + ●●●● = ...

●●●● + ●●●●● + ●●●● = ...



□ + □ + □ = □□

3. Mesele düzýäris we çözýäris.

□□ – □ = □□

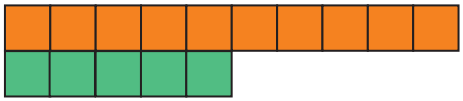
4. Hasaplaýarys.

8 + □ = 10 9 – □ = 7 □ – 3 = 2

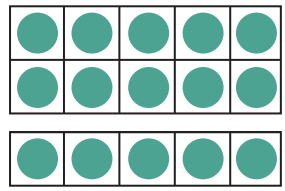
7 – □ = 6 □ + 2 = 6 6 – □ = 4

5-nji bap
6-njy ders

15 sany



15



□□ + □ = □□

1. Hasaplaýarys.

15 – 3 – 2 = □□ 15 – 3 – 2 = □□

10 + 2 + 5 = □□ 10 + 4 + 1= □□

2. Deňeşdiräris.

5 □ 6 8 □ 10 14 □ 13 7 □ 11

1 □ 0 9 □ 6 12 □ 12 15 □ 5

3. Netijäni tapýarys.

□ + □ = 8 ☆ + ☆ = 10

□ + △ = 7 ☆ – ◆ = 3

△ – ○ = 2 ◆ + ⬢ = 5

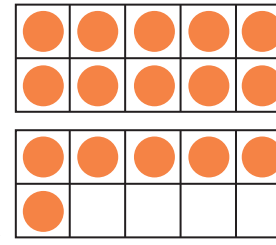
□ + △ + ○ = □ ☆ + ◆ + ⬢ = □□

10 + 3 + □ = 15 10 + □ + □ = 15

5-nji bap
7-nji ders

16 sany

16



□□ + □ = □□

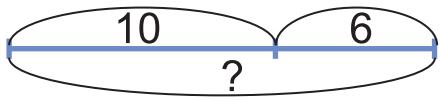
1. Boş gözenekleri doldurýarys.

$$\begin{array}{r} 5 \\ +\ 2 \\ \hline \square \end{array} \qquad \begin{array}{r} \square \\ +\ 2 \\ \hline \square \end{array} \qquad \begin{array}{r} 5 \\ +\ 3 \\ \hline \square \end{array} \qquad \begin{array}{r} \square \\ +\ 2 \\ \hline \square\square \end{array}$$

2. Hasaplaýarys.

8 + 2 = □	5 + 4 = □	3 + 4 = □
10 – 2 = □	9 – 4 = □	7 – 3 = □
10 – 8 = □	9 – 5 = □	7 – 4 = □

3. Jem nämä deň?



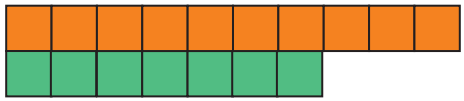
□□ + □ = □□

4. Hasaplaýarys we netijeleri deňeşdiriýäris.

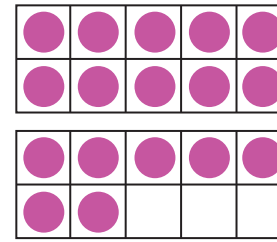
3 + 4 □ 7	9 □ 10 – 2	8 □ 4 + 4
8 – 3 □ 4	6 □ 5 + 3	7 □ 10 – 3

5-nji bap
8-nji ders

17 sany



17



1. Jemleri we tapawutlary tapýarys.

9 – 1 = ☐ 3 + 3 = ☐ 4 – 4 = ☐ 6 – 4 = ☐

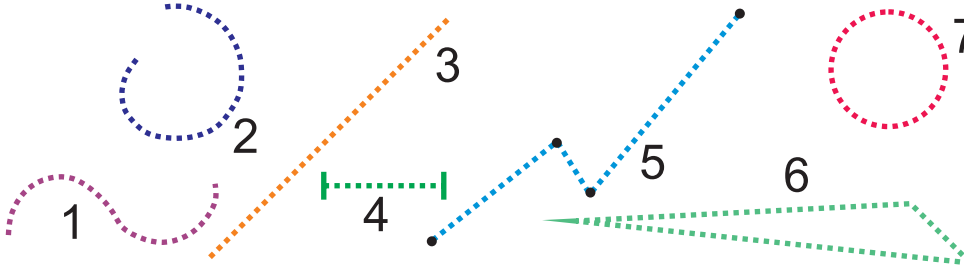
9 – 2 = ☐ 3 + 4 = ☐ 5 – 4 = ☐ 7 – 4 = ☐

2. Degişli amal belgisini goýýarys.

4 + 3 ☐ 2 = 9 9 – 6 ☐ 3 = 0 9 ☐ 2 = 7

5 – 1 ☐ 2 = 4 6 – 4 ☐ 5 = 7 6 ☐ 3 = 9

3. Çyzýarys we şekilleriň adyny aýdýarys.



4. Hasaplaýarys.

12 – 2 + 4 = ☐☐ 17 – 3 – 2 = ☐☐

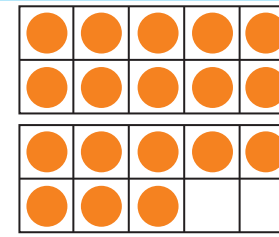
12 – 2 + 5 = ☐☐ 14 + 2 – 5 = ☐☐

12 – 2 + 7 = ☐☐ 17 – 7 + 6 = ☐☐

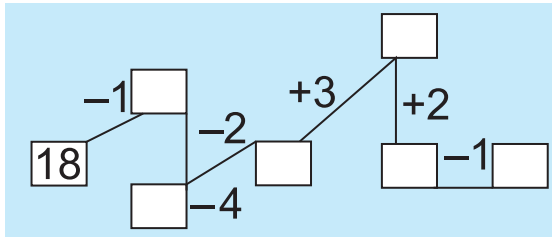
5-nji bap 9-njy ders — 18 sany

18

□□ + □ = □□



1. Boş gözenekleri doldurýarys.



10 + 5 + □ = 18

10 + □ + 3 = 18

10		8
+ 5		+ 2
□□		□□
□□		□
+ 6		– □
□□		□

2. Jemi maşyn näçe boldy?

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

□ + □□ = □□

3. Hasaplaýarys.

10 – 8 + 8 = □□

18 – 3 – 5 = □□

15 – 5 + 5 = □□

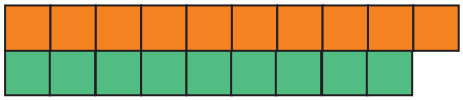
12 + 6 – 3 = □□

17 – 7 + 5 = □□

18 – 8 + 2 = □□

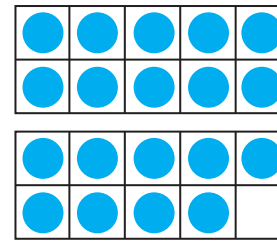
5-nji bap
10-njy ders

19 sany



19

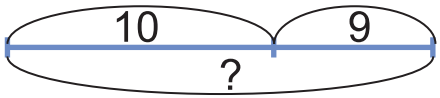
□□ + □ = □□



1. Degişli amal belgisini goýýarys.

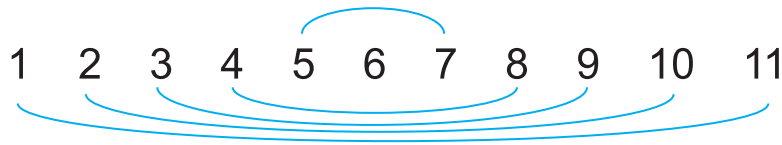
9 – 3 □ 2 = 8 3 + 6 □ 9 = 0 9 □ 3 = 6
2 + 1 □ 5 = 8 6 – 4 □ 2 = 4 9 □ 4 = 5

2. Jem nämä deň?



□□ + □ = □□

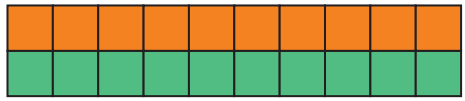
3. Netijesi 12 bolýan mysallary düzýäris.

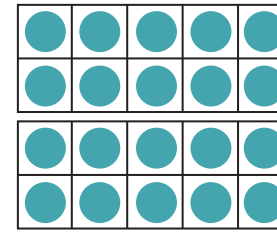


4. Hasaplaýarys.

17 – 7 = □□ 19 – 9 = □□ 11 + 3 = □□
16 – 6 = □□ 19 – 8 = □□ 11 + 4 = □□
15 – 5 = □□ 19 – 7 = □□ 11 + 5 = □□

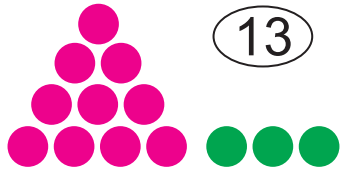
5-nji bap 11-nji ders — 20 sany

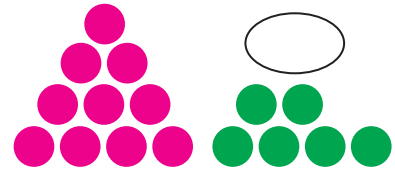




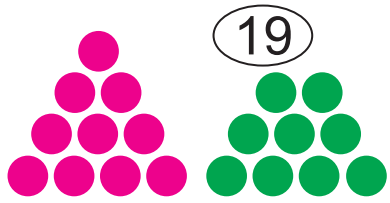
□□ + □□ = □□

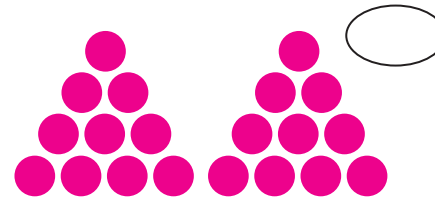
1. Sanlarda aňladýarys.





6 + 3 = □





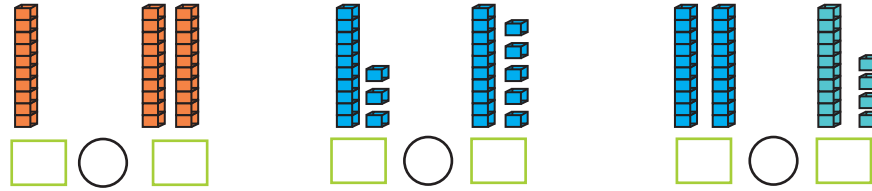
5 − □ = □

6 + 4 + □ = 15

6 + 4 + □ = 17

5-nji bap 12-nji ders — 11-den 20-ä çenli bolan sanlar

1. Degişli sanlary ýazýarys we deňeşdiryäris.



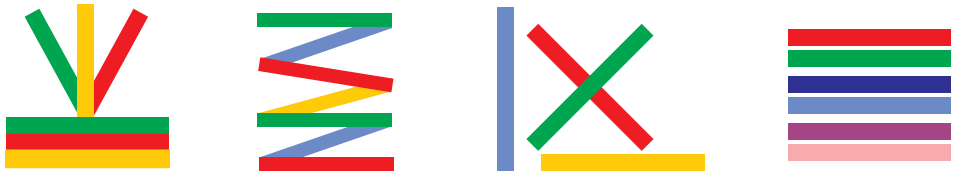
2. Boş gözenekleri doldurýarys.

5 + 2 = 7 → □ − 3 = □

6 + 3 = □ → □ − 2 = □

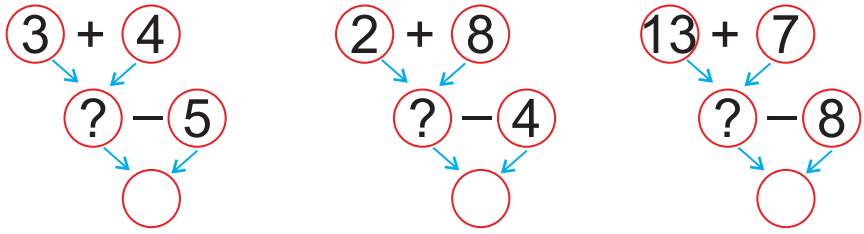
5-nji bap 13-nji ders — Birnäçe taýajyklardan dürli şekilleri ýasamak

Taýajyklaryň kömeginde şekilleri ýasayarys.



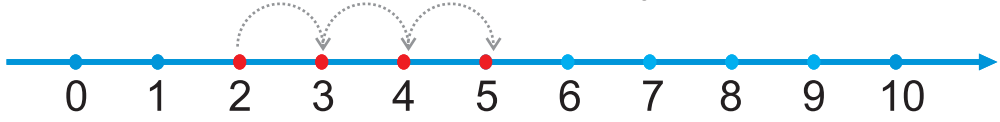
5-nji bap 14-nji ders — Suratlary özara tapawutlandyrmak

Sorag belgisiniň ýerindäki sany tapýarys.

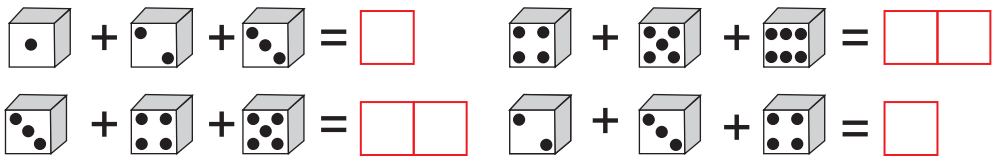


5-nji bap 15-nji ders — Yzygiderligi dowam etdirmek

1. Yzygiderligi dowam etdirip çyzýarys.



2. Hasaplaýarys.



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