

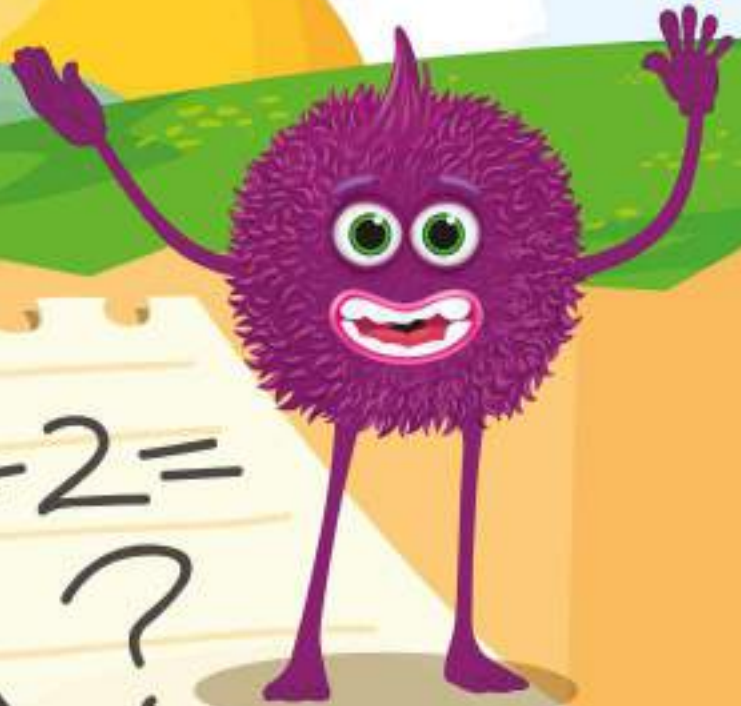
1. Sınıf



MONİ ile MATEMATİK



$$1 + 2 = ?$$





İSTİKLAL MARŞI

Korkma! Sönmez bu şafaklarda yüzen al sancak,
Sönmeden yurdumun üstünde tüten en son ocak.

Ö benim milletimin yıldızıdır, parlayacak;
Ö benimdir, o benim milletimindir ancak.

Çatma, kurban olayım, çehreni ey nazlı hilal!
Kahraman ırkıma bir gül; ne bu şiddet, bu celal?
Sana olmaz dökülen kanlarımız sonra helal...
Hakkıdır, Hakk'a tapan milletimin istiklal.

Söz : Mehmet Âkif ERSOY
Beste : Osman Zeki ÜNGÖR



www.ogretmenevde.com.tr



Hazırlayan:

Öğretmenevde Yayın Kurulu

Editör:

Münür YAVUZ

Grafik – Dizgi Tasarım:

Serap TOKDEMİR

Kapak Tasarım:

Merve ŞENAY

Baskı Cilt:

Birleşik Matbaa

Buca Organize Sanayi 2.Bölge

3/21. Sk. D: no 17, 35400

Buca / İzmir

Tel: 0232 433 68 66

Matbaa Sertifika No:

47989

Basım Yayın:

İZMİR / Ağustos 2020

İSBN:

978-605-7536-56-3

Sertifika No:

41665

Bu kitaptaki metin, soru ve resimlerin tamamının veya bir kısmının Fikir ve Sanat Eserleri Yasası uyarınca "Öğretmenevde Yayınları"nın önceden yazılı izni olmaksızın elektronik, mekanik, fotokopi ya da herhangi bir şekilde çoğaltılması, yayımlanması, depolanması ve dağıtılması yasaktır.

→ İÇİNDEKİLER

Uzak - Yakın	5
Arada - Önde - Arkada	6
Altında - Üstünde	7
Etrafında - Sağında - Solunda	8
İçinde - Dışında	9
Yüksekte - Alçakta	10
Farklılık	11
Eşlik	13
Tartma	15
1 Rakamını Tanıyorum	19
2 Rakamını Tanıyorum	21
3 Rakamını Tanıyorum	23
4 Rakamını Tanıyorum	25
5 Rakamını Tanıyorum	27
6 Rakamını Tanıyorum	29
7 Rakamını Tanıyorum	31
8 Rakamını Tanıyorum	33
9 Rakamını Tanıyorum	35



0 Rakamını Tanıyorum.....	37
Nesne Sayısı	39
10 ile 20 Arasındaki Sayılar	41
Önce, Sonra ve Aradaki Sayılar	45
Birer Ritmik Sayalım	47
Onar Ritmik Sayalım	51
Beşer Ritmik Sayalım	53
İkişer Ritmik Sayalım	55
Nesne Sayılarını Karşılaştıralım	59
10'dan Az 10'dan Çok	61
Onluk ve Birlik	63
Sıra Bildiren Sayılar	69
Toplama İşlemi	71
Toplamı 10 ve 20 Olan Sayılar	81
Toplananların Yerlerini Değiştirelim.....	83
Çıkarma İşlemi	87
Farkı Sıfır (0) Olan Doğal Sayılar	95

Uzak - Yakın



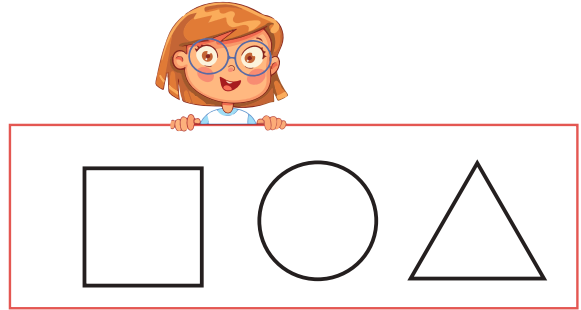
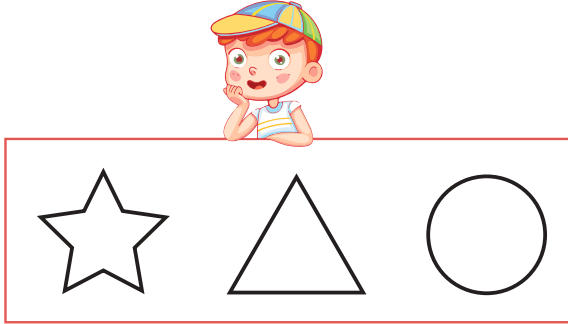
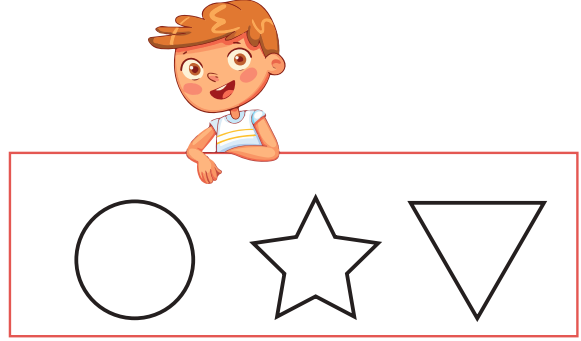
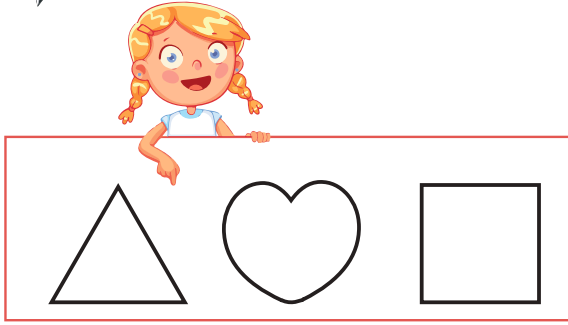
Kulübeye uzak olanları ✓ ile, yakın olanları ✗ ile işaretleyelim.



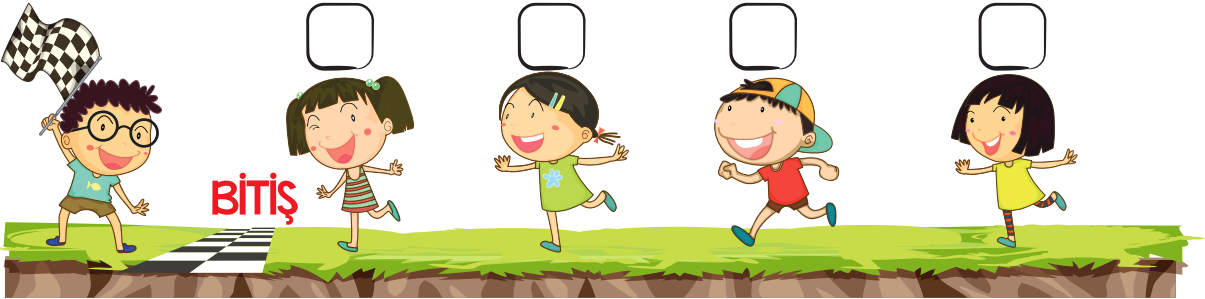
Arada - Önde - Arkada



Aradaki şekilleri boyyalım.



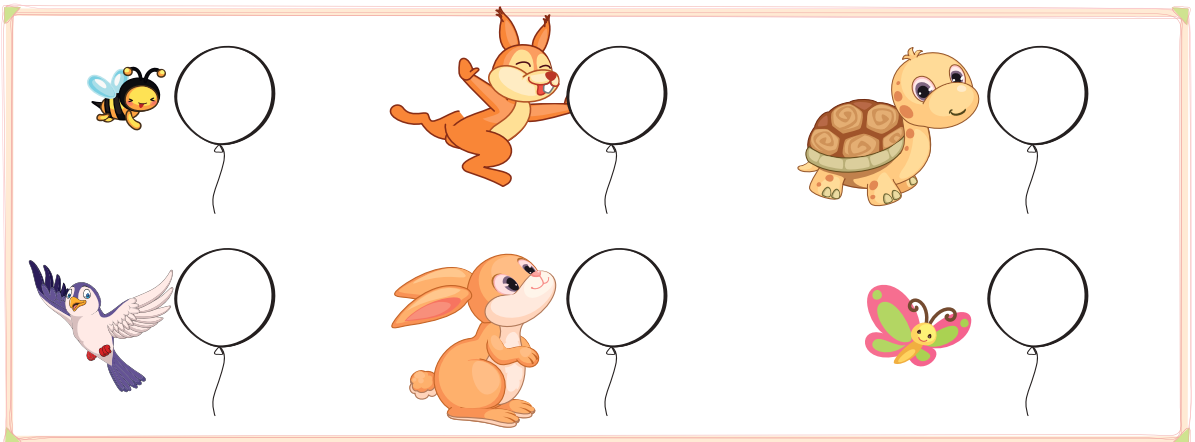
Öndeki çocuğu ✓ ile, arkadaki çocuğu ✗ ile işaretleyelim.



Altında - Üstünde



Ağacın altında olanların balonunu sarıya, üstünde olanların balonunu pembeye boyayalım.



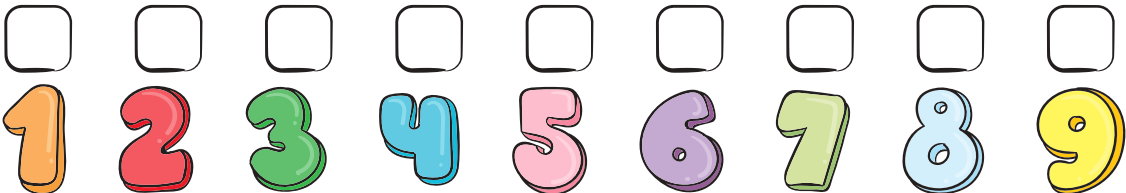
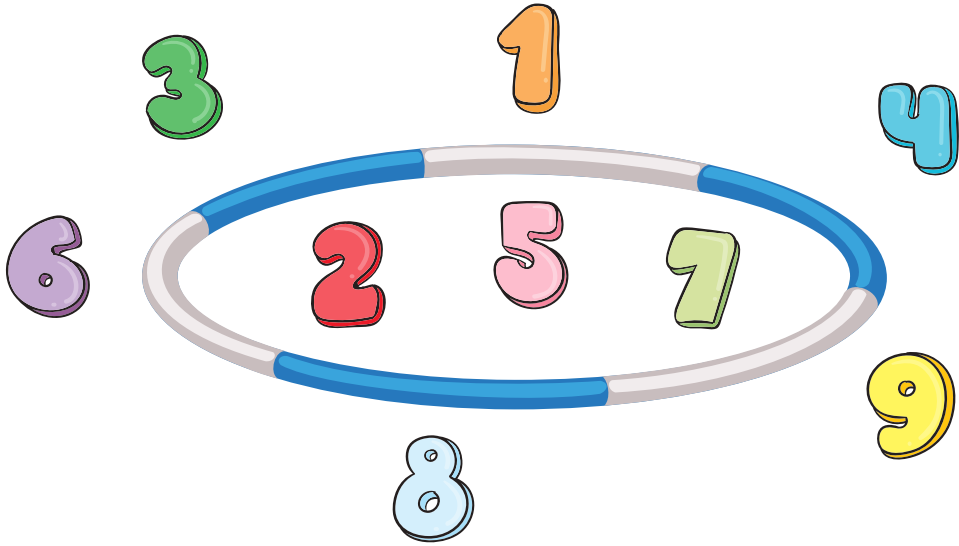
Etrafında - Sağında - Solunda



Ela'nın sağındaki oyuncakları ✓ ile, solundaki oyuncakları ✗ ile işaretleyelim.



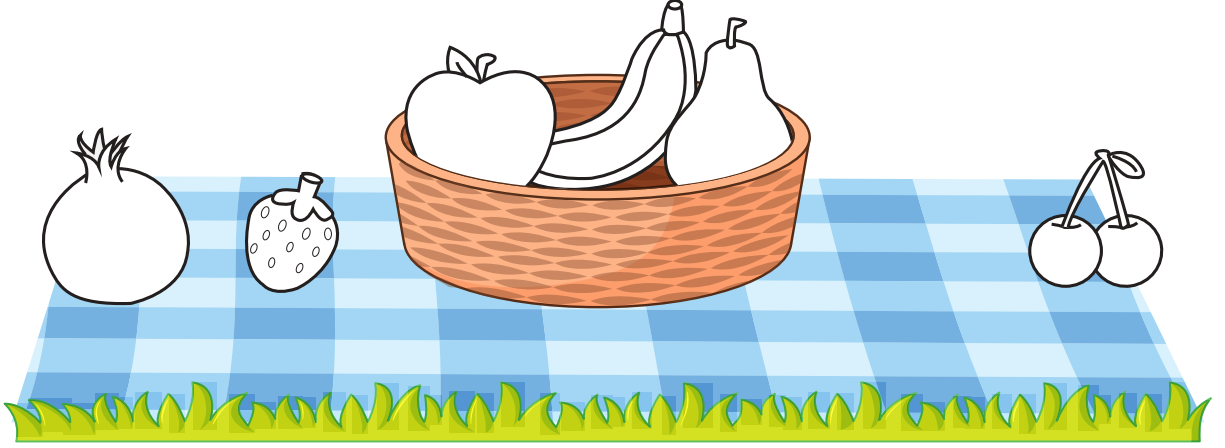
Çemberin etrafındaki rakamları işaretleyelim.



İçinde - Dışında



Sepetin içindeki meyveleri sarıya, dışındaki meyveleri kırmızıya boyayalım.



Aşağıdaki şeklin içine 2 üçgen, dışına 3 kalp çizelim.



Yüksekte - Alçakta

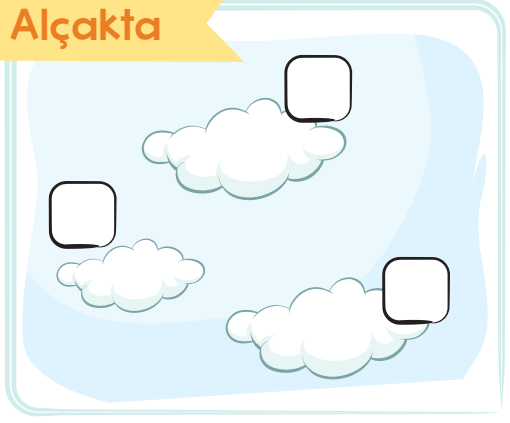


Yönergelere göre varlıkları işaretleyelim.

Yüksekte



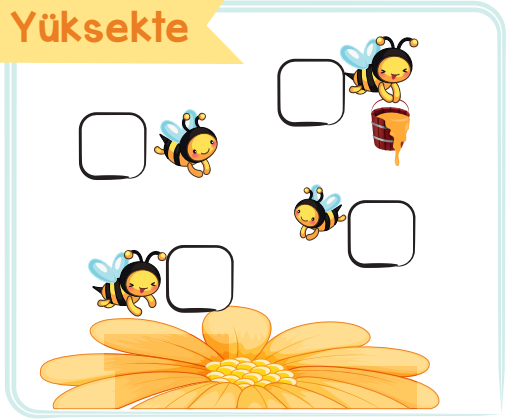
Alçakta



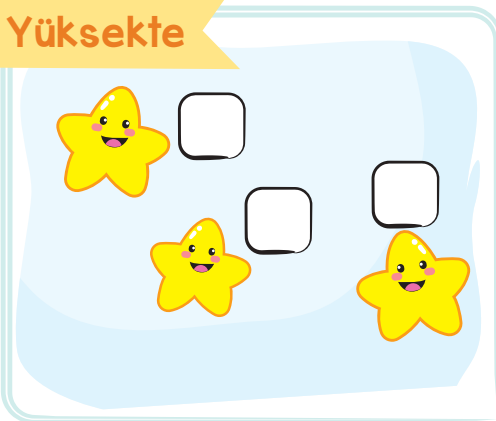
Alçakta



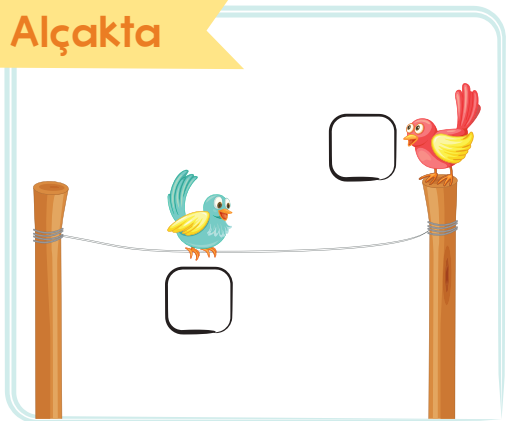
Yüksekte



Yüksekte



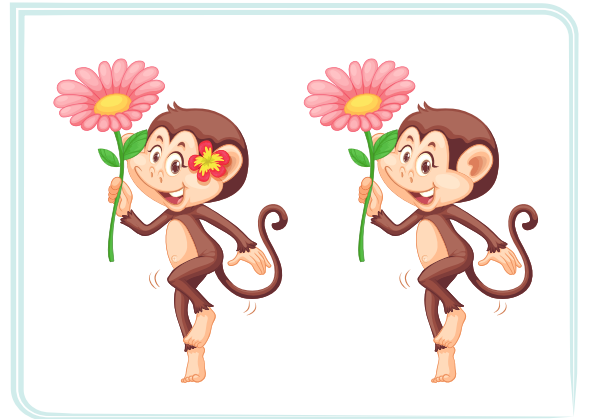
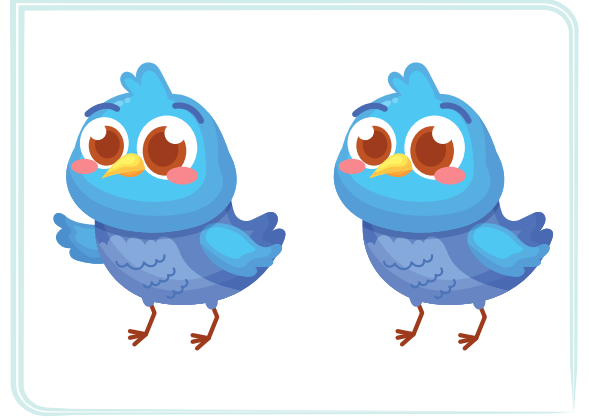
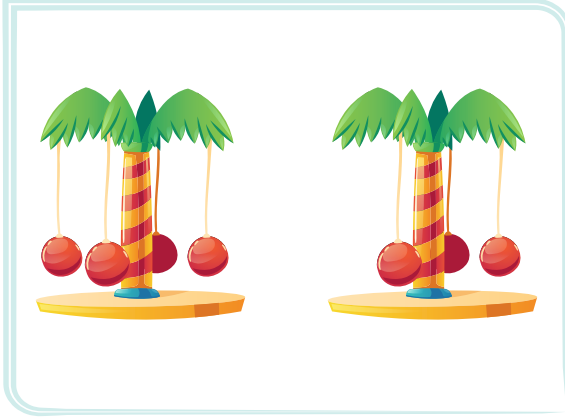
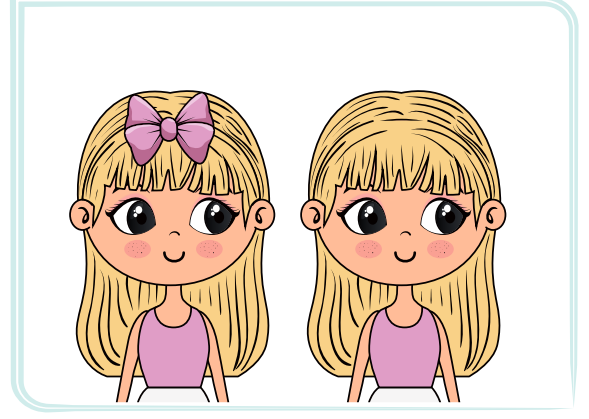
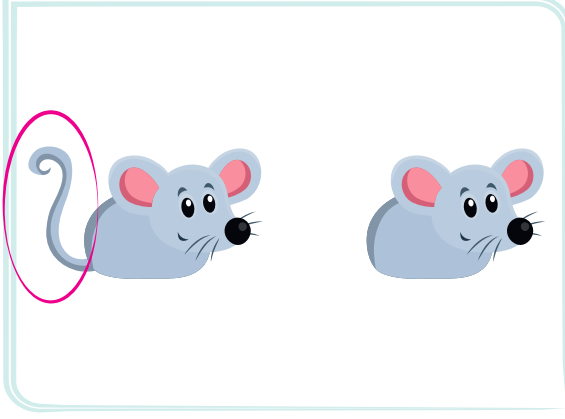
Alçakta



Farklılık



Resimler arasındaki farkları bulup, örnekteki gibi işaretleyelim.



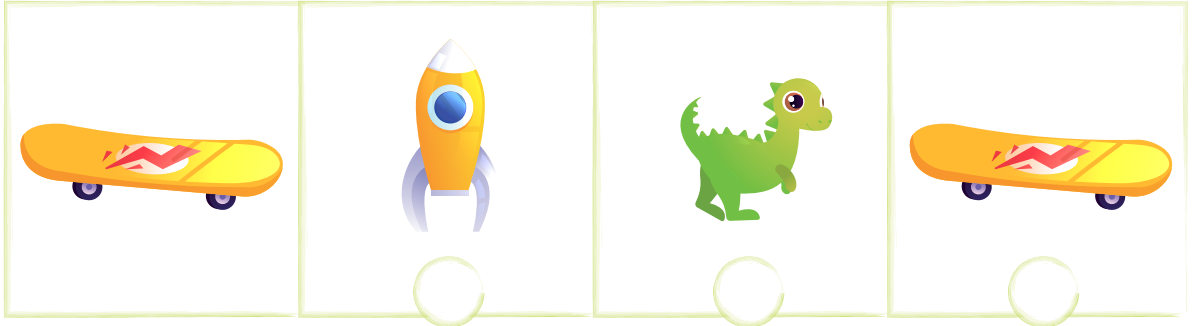
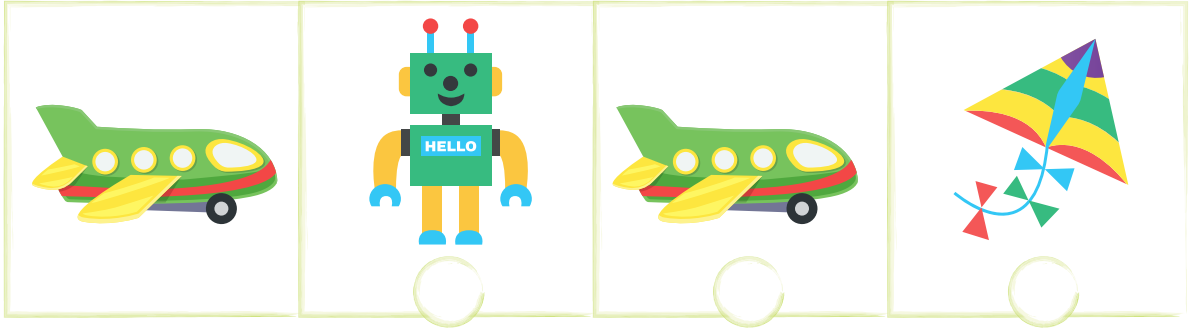
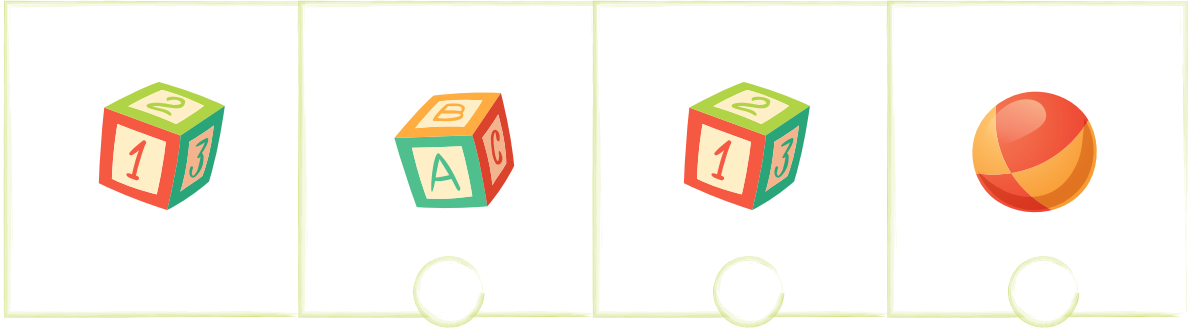
A cartoon pencil character with a yellow body, a pink eraser, and a blue band around its middle. It has large eyes, a smiling mouth, and is giving a thumbs up with both hands.

[illegible]

Eşlik



Başta verilen varlığın eşini bulup işaretleyim.



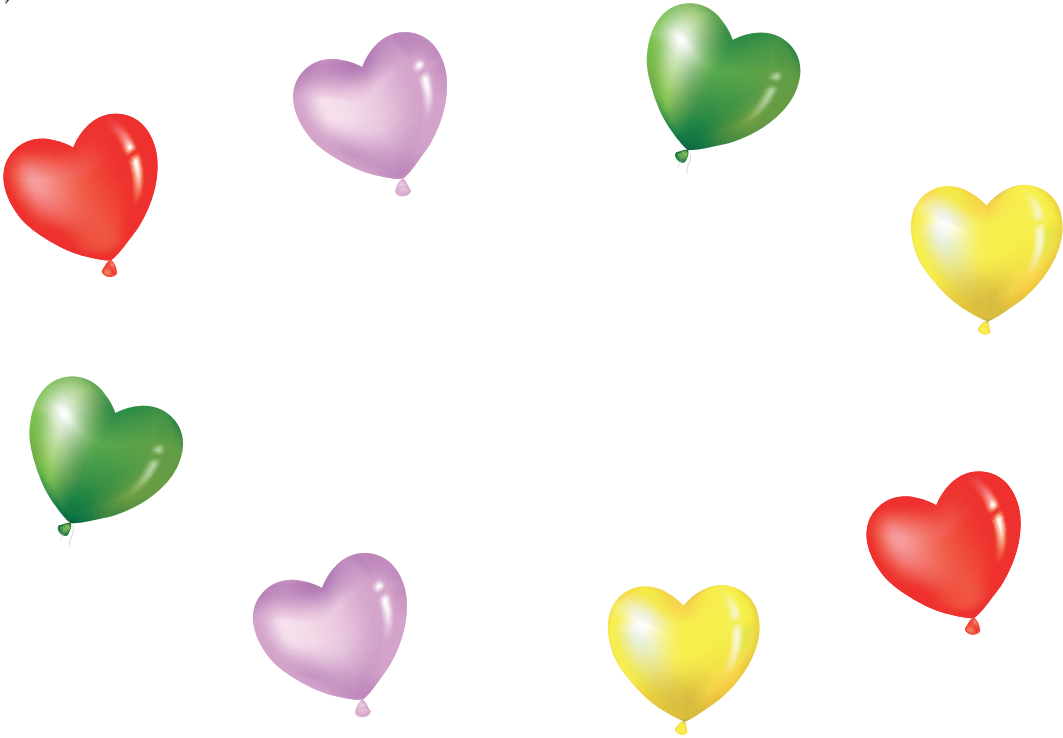
Eşlik



Resimdeki eş nesneleri bulup yuvarlak içine alalım.



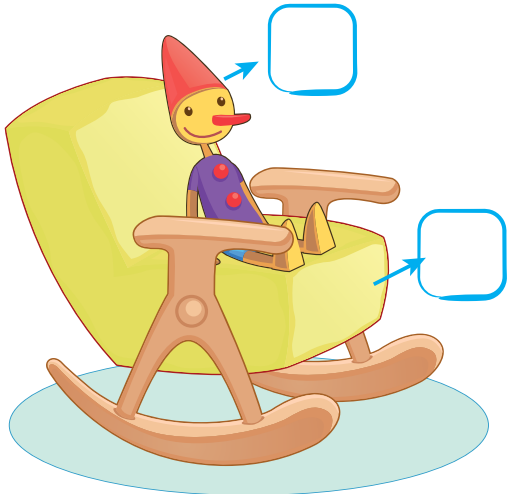
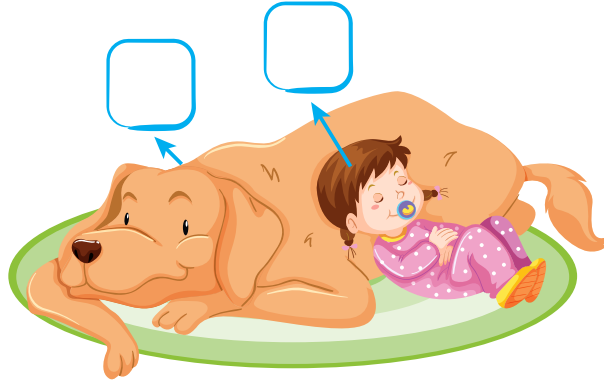
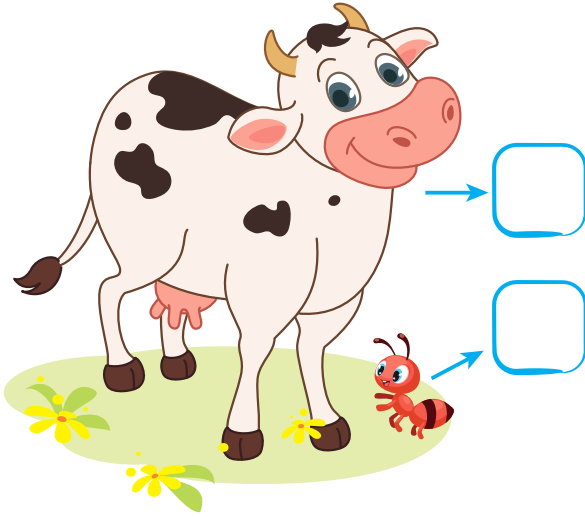
Aynı renk balonları eşleştirelim.



Tartma



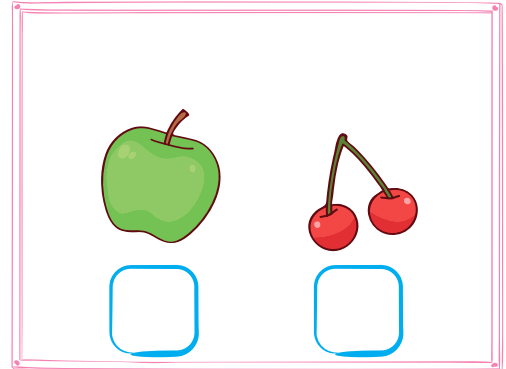
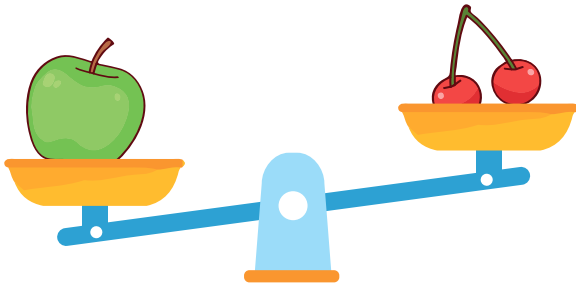
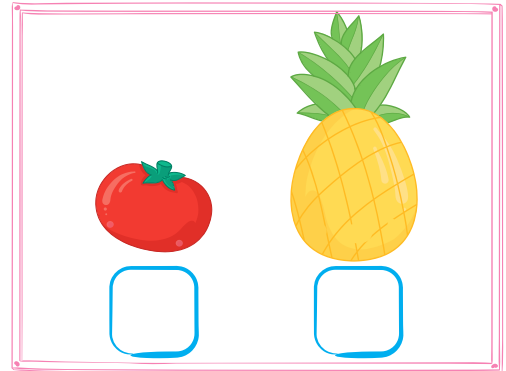
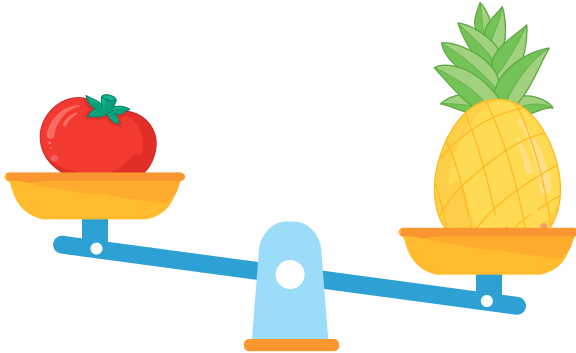
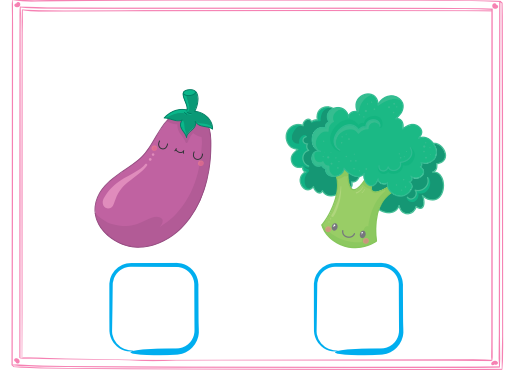
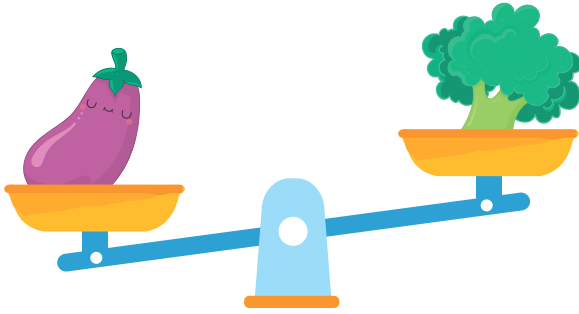
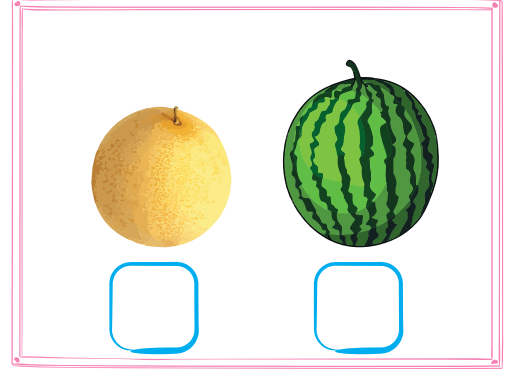
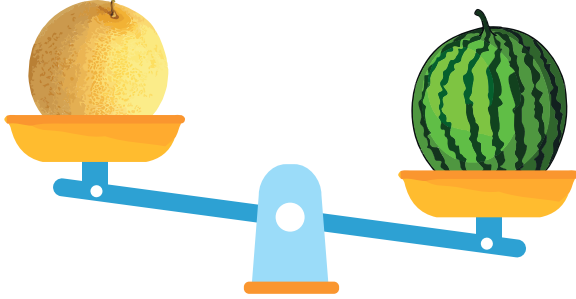
Aşağıdaki varlıklardan ağır olanları ✓ ile, hafif olanları ✗ ile işaretleyelim.



Tartma



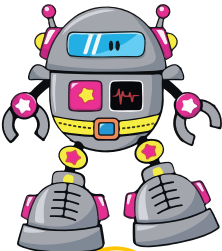
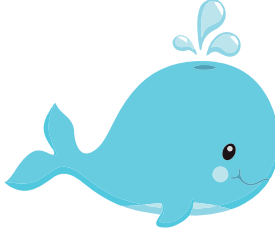
Ağır olan varlıkları işaretleyelim.



Tartma



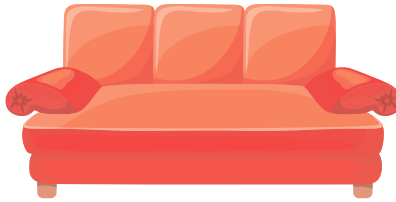
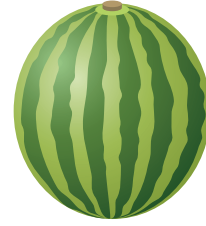
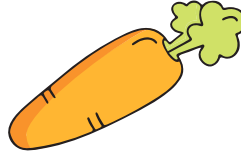
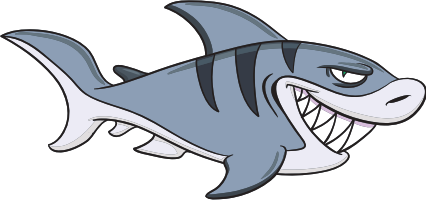
Aşağıdaki varlıklardan en hafif olanı işaretleyelim.



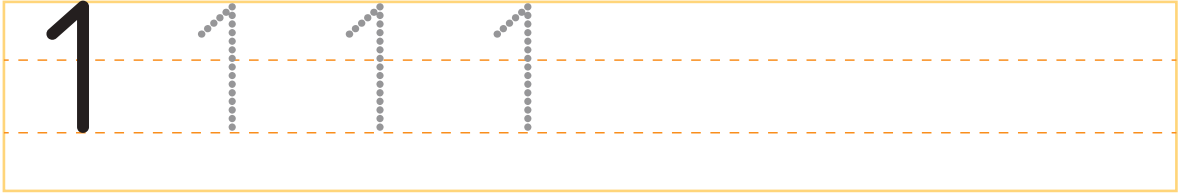
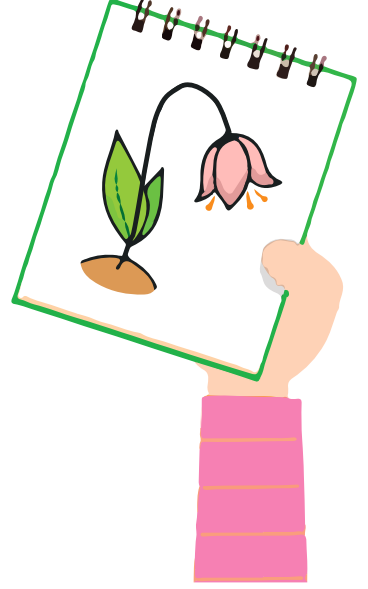
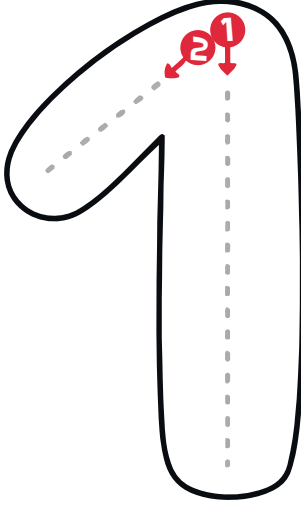
Tartma



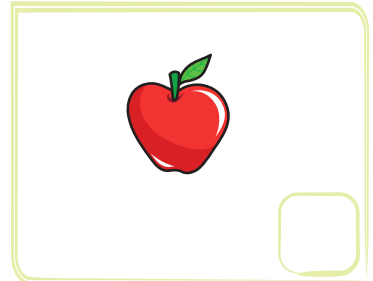
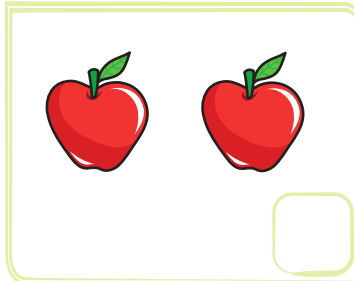
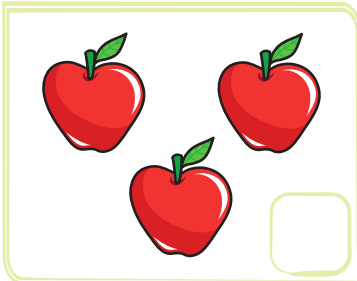
Aşağıdaki varlıkları, ağırdan hafife doğru numaralandırarak sıralayalım.



1 Rakamını Tanıyorum



1 elmanın bulunduğu kutuyu işaretleyelim.



1 Rakamını Tanıyorum

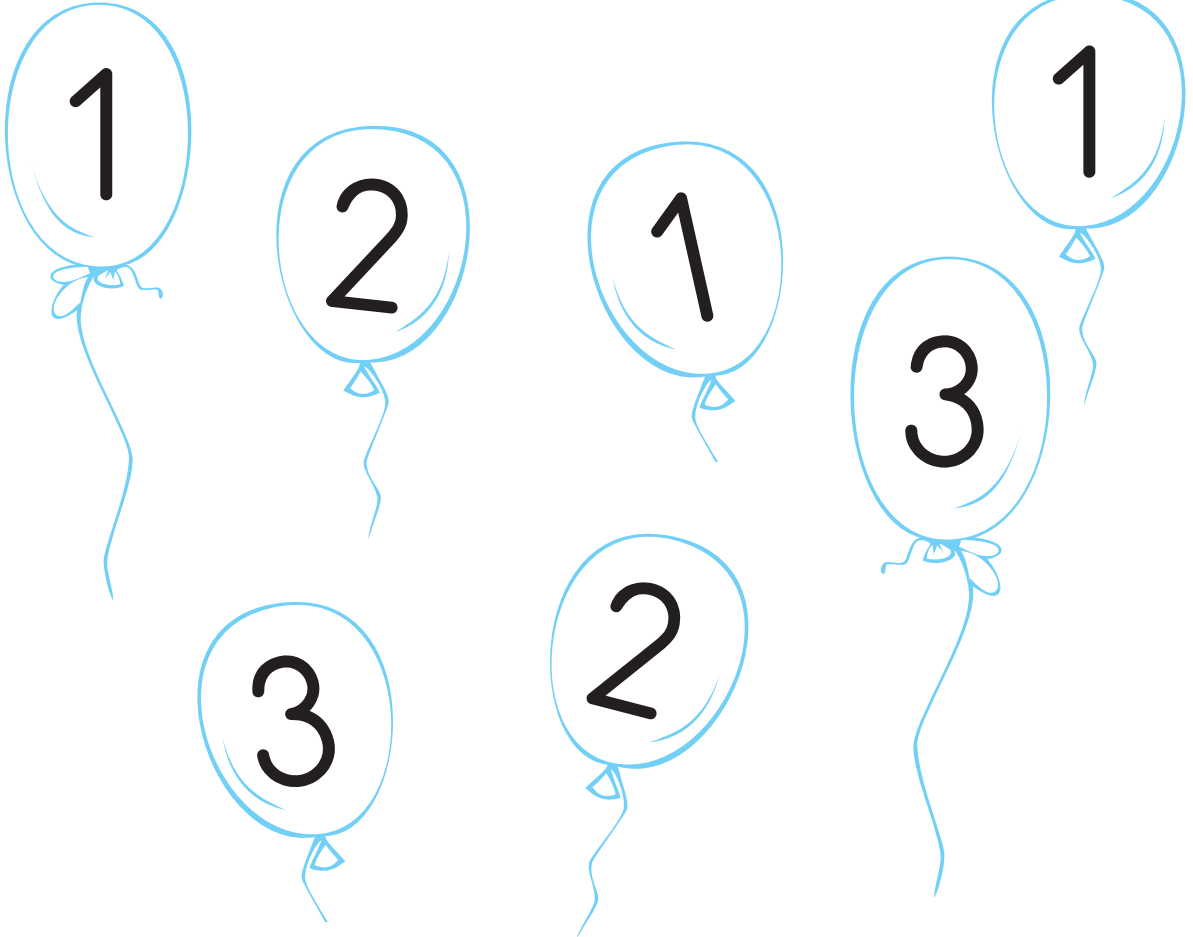
1 1 1

1 1

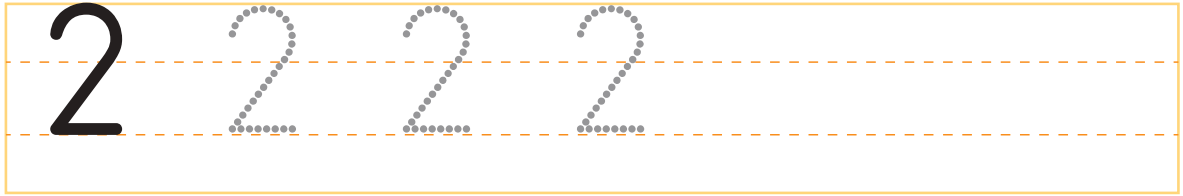
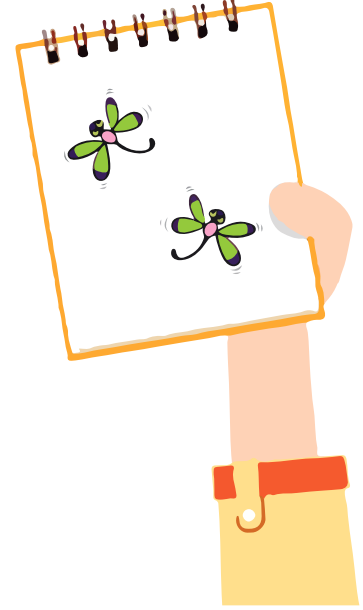
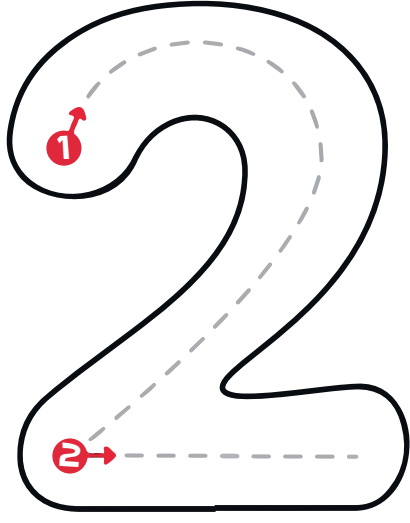
1



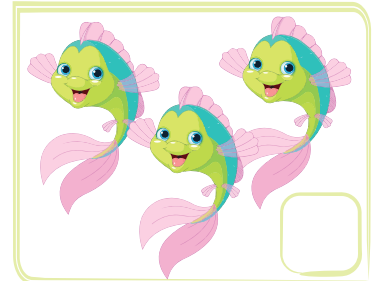
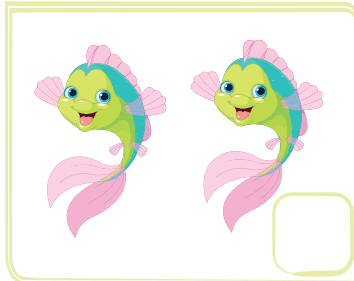
İçinde 1 yazan balonları boyayalım.



2 Rakamını Tanıyorum



2 balığın bulunduğu kutuyu işaretleyelim.



2 Rakamını Tanıyorum

2 2 2

2 2

2

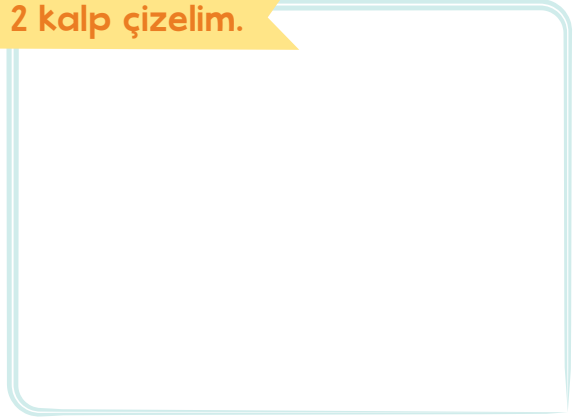


Aşağıdaki yönergeleri uygulayalım.

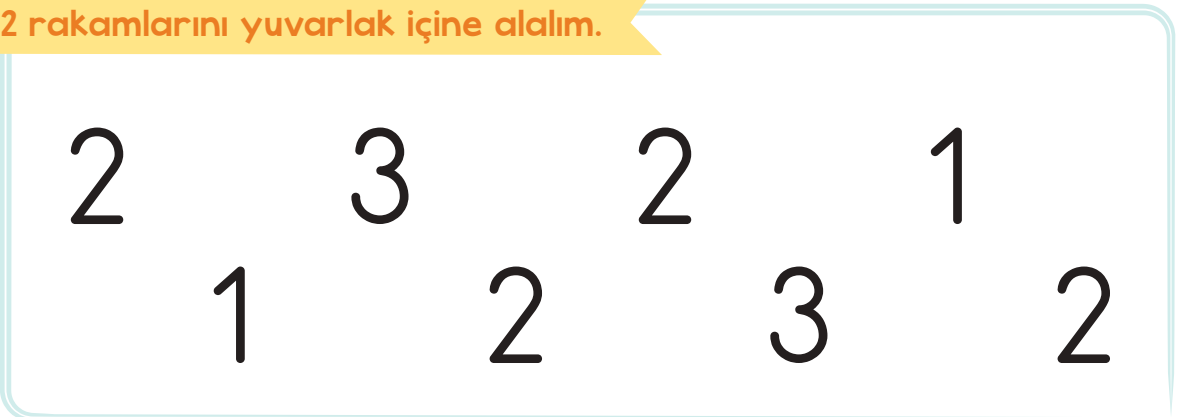
2 balon boyayalım.



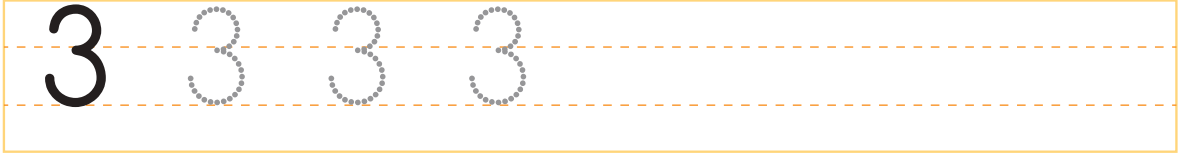
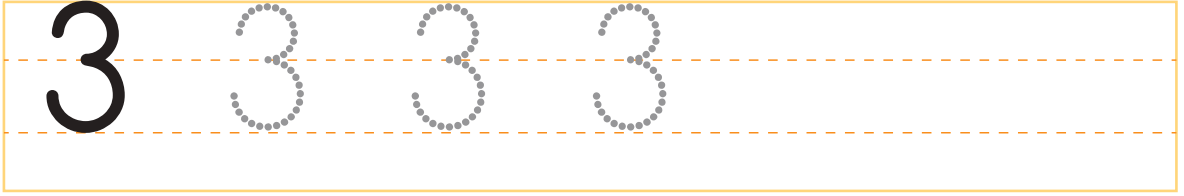
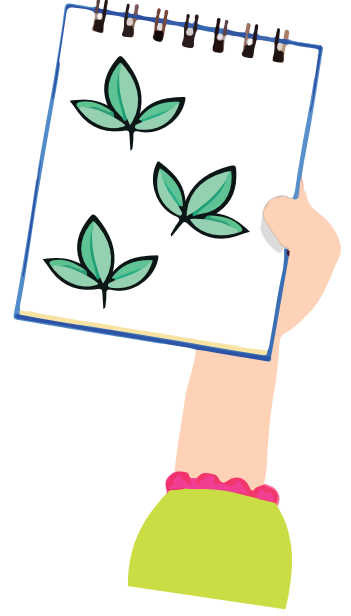
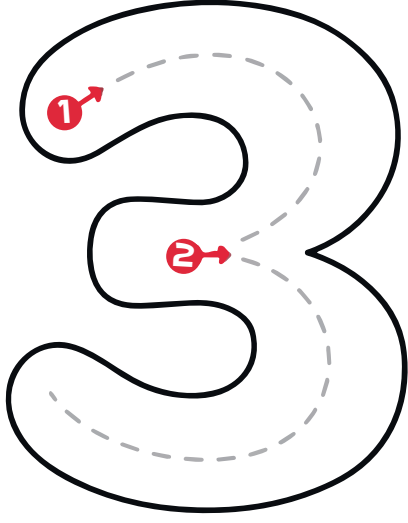
2 kalp çizelim.



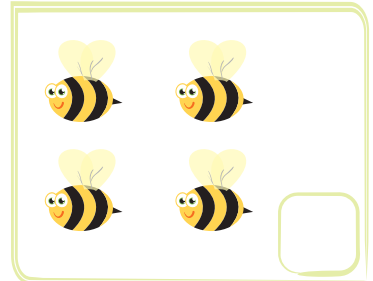
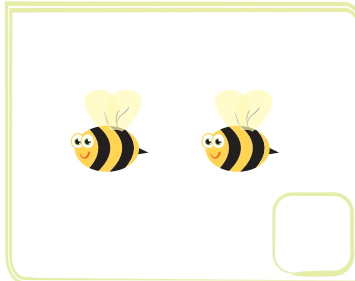
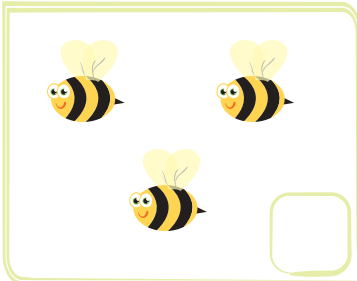
2 rakamlarını yuvarlak içine alalım.



3 Rakamını Tanıyorum



3 arının bulunduđu kutuyu işaretleyelim.



3 Rakamını Tanıyorum

3 3 3

3 3

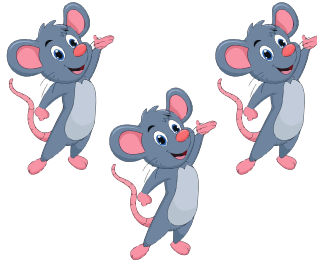
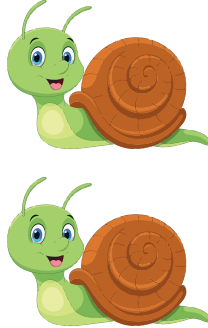
3



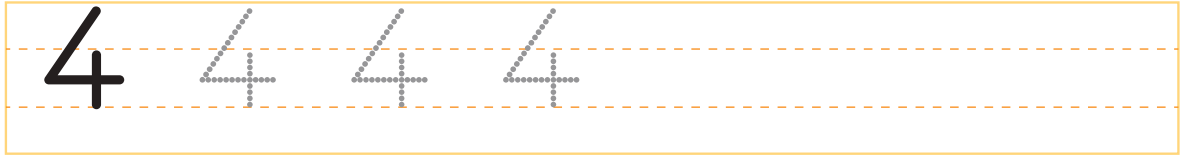
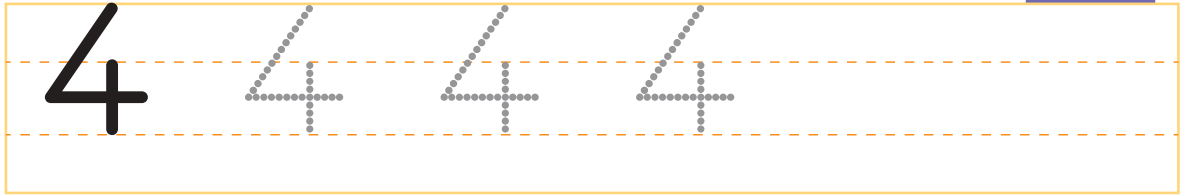
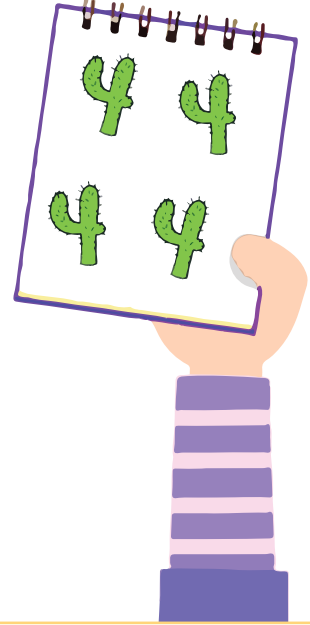
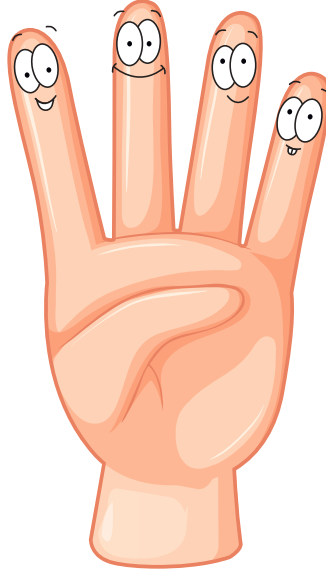
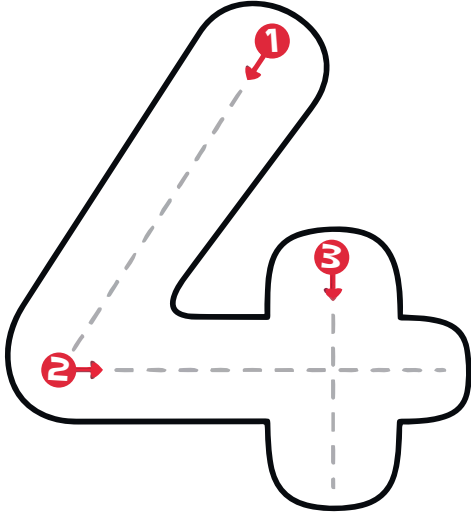
Aşağıdaki varlıkların sayısını yazalım.



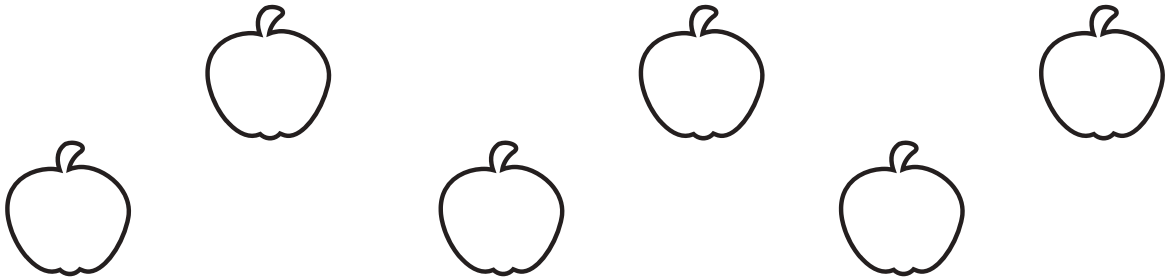
3



4 Rakamını Tanıyorum



Elmalardan 4 tanesini boyayalım.



4 Rakamını Tanıyorum

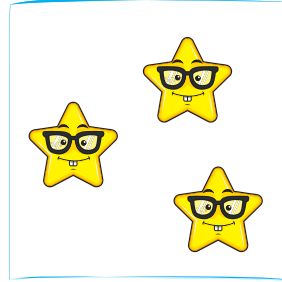
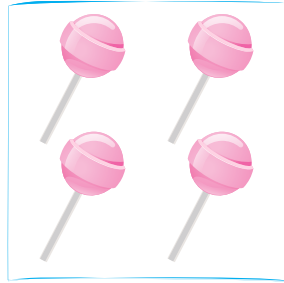
4 4 4

4 4

4



Varlıkların sayısını uygun rakamlarla eşleştirelim.



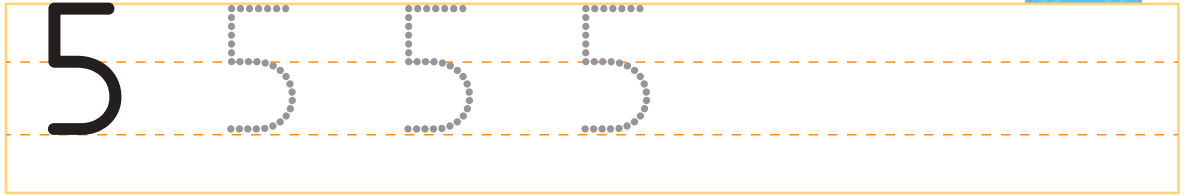
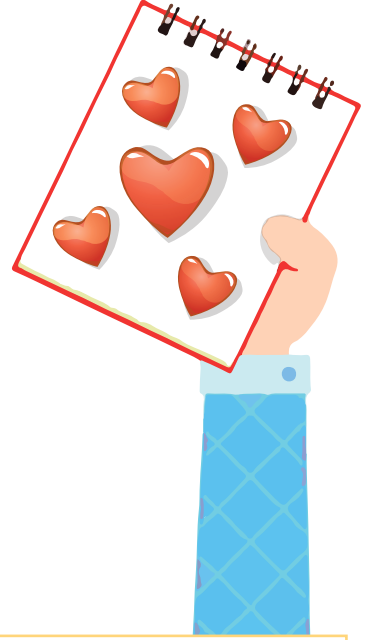
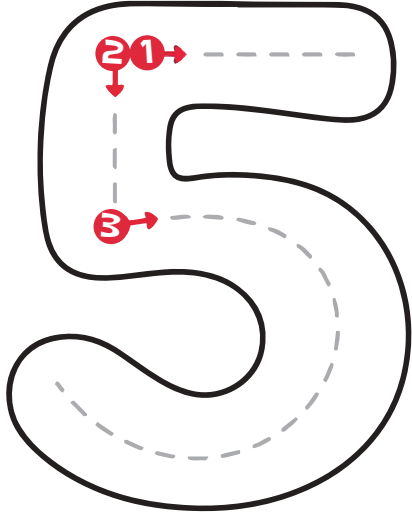
1

2

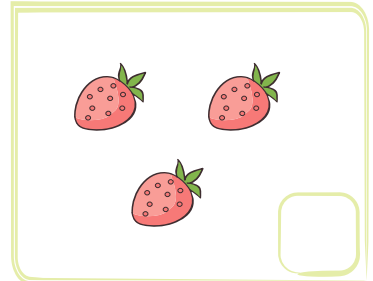
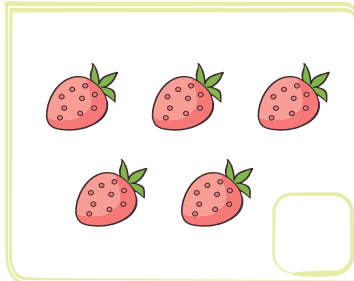
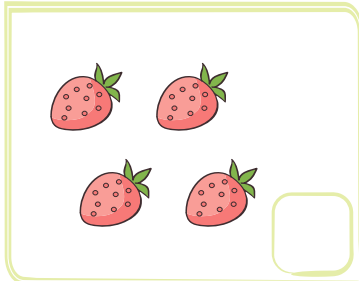
3

4

5 Rakamını Tanıyorum



5 çileğin bulunduğu kutuyu işaretleyelim.



5 Rakamını Tanıyorum

5 5 5

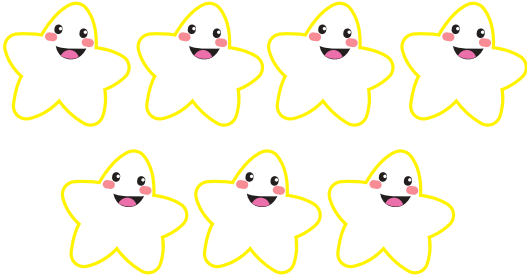
5 5

5



Aşağıdaki yönergeleri uygulayalım.

5 yıldız boyayalım.

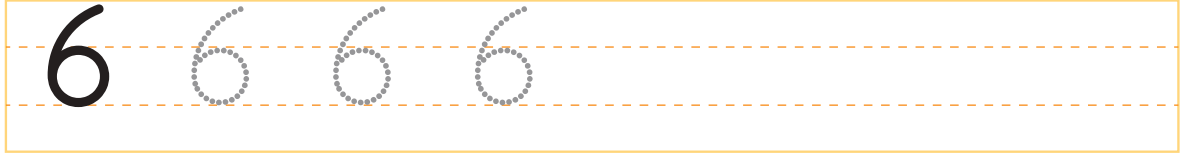
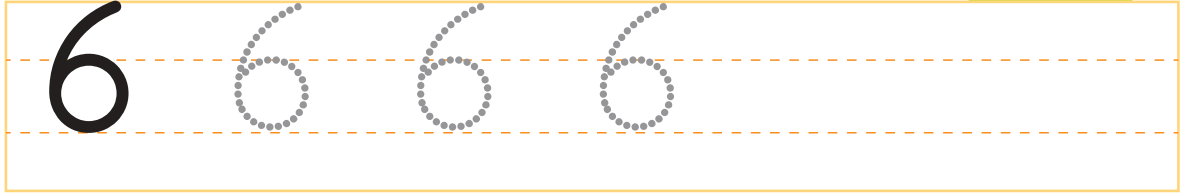
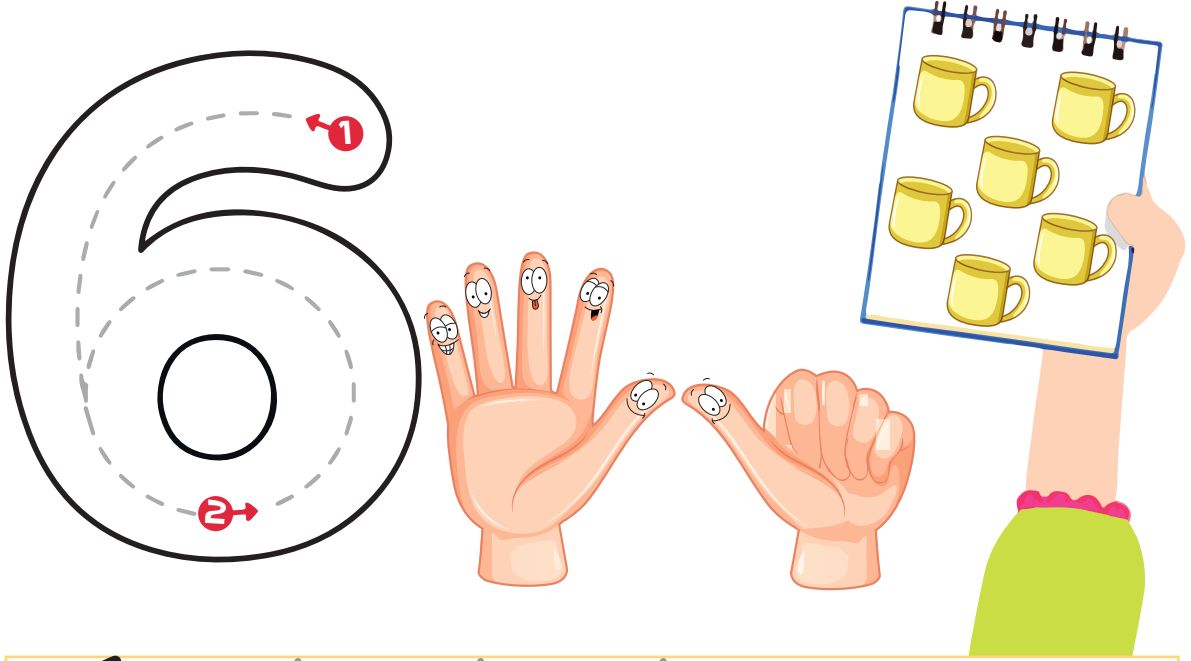


5 üçgen çizelim.

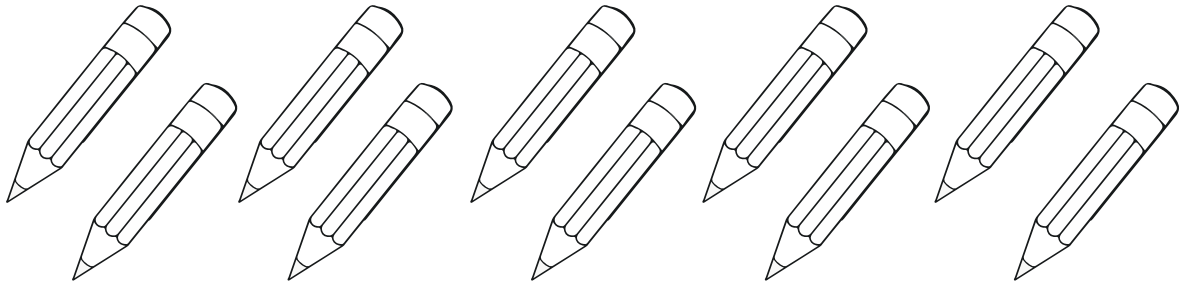
5 rakamlarını yuvarlak içine alalım.

5 5 1 5 2
2 5 4 3 5

6 Rakamını Tanıyorum



Kalemlerden 6 tanesini boyayalım.



6 Rakamını Tanıyorum

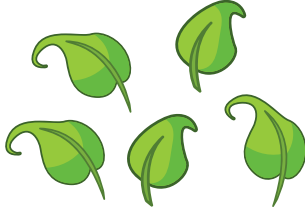
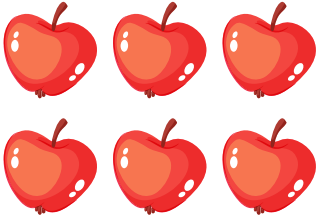
6 6 6

6 6

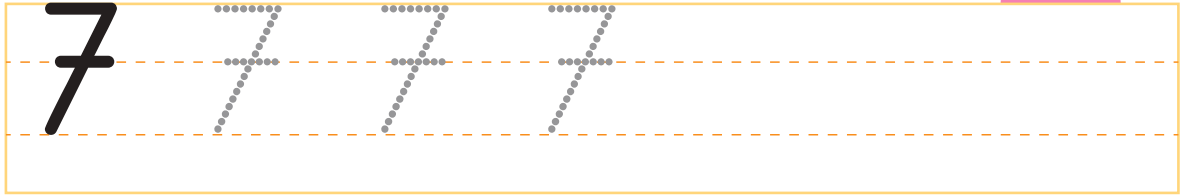
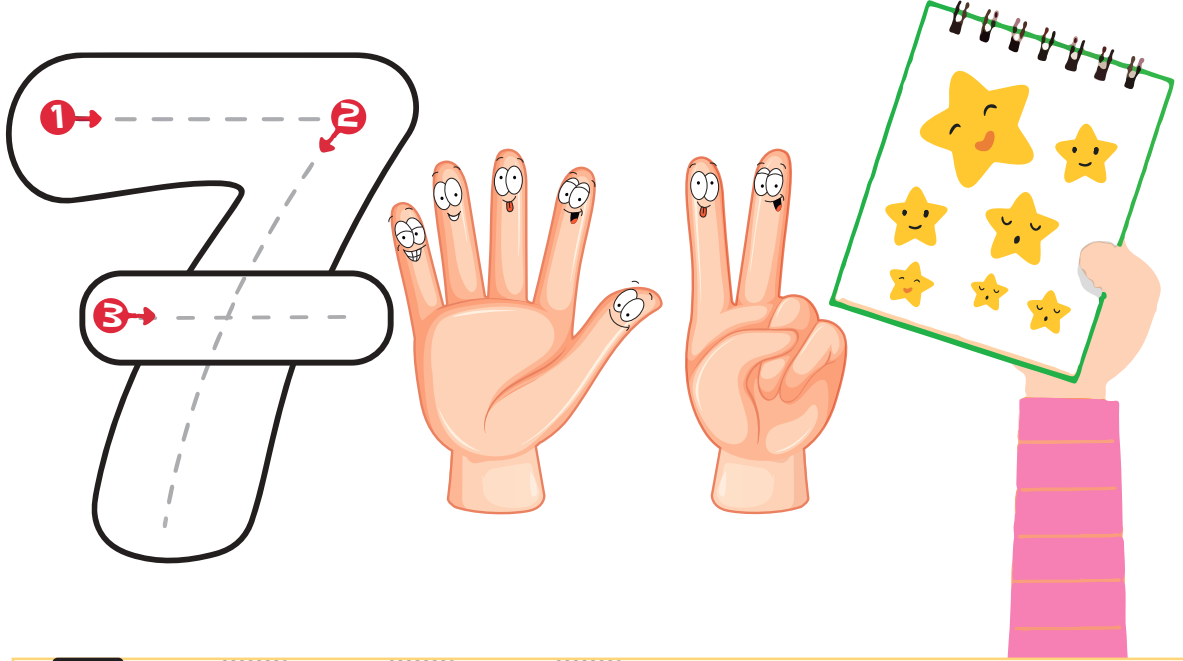
6



Aşağıdaki varlıkların sayısını yazalım.



7 Rakamını Tanıyorum



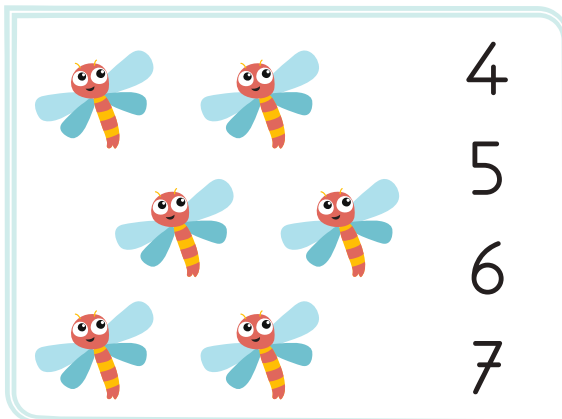
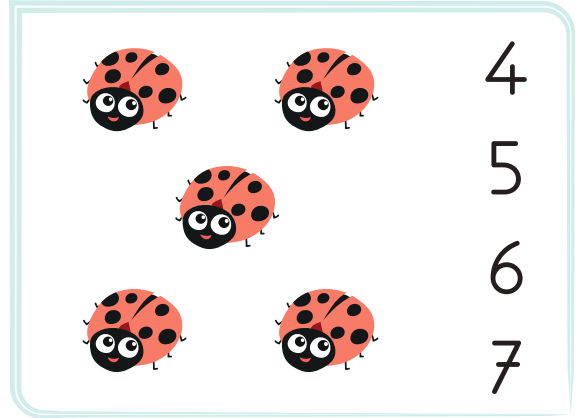
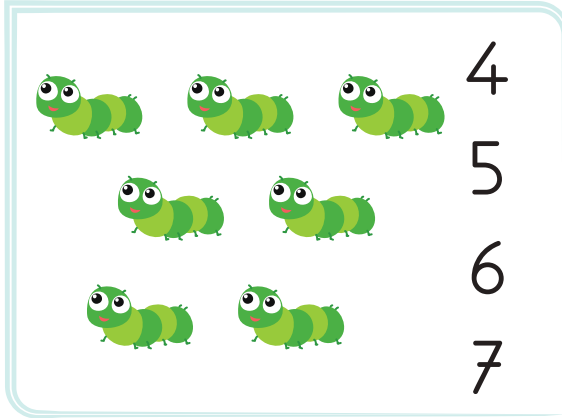
7 çiçeğin bulunduğu kutuyu işaretleyelim.



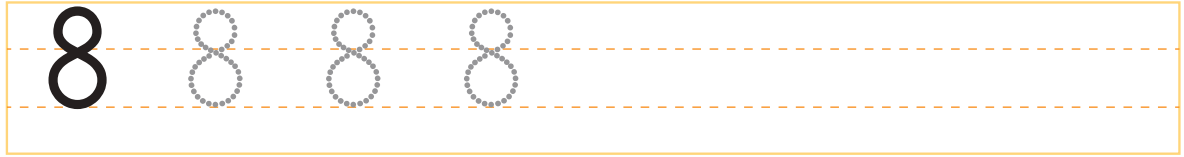
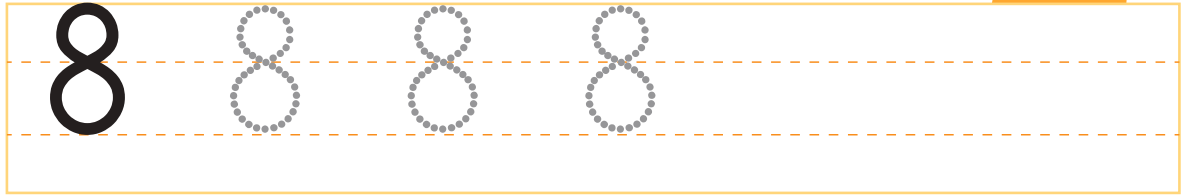
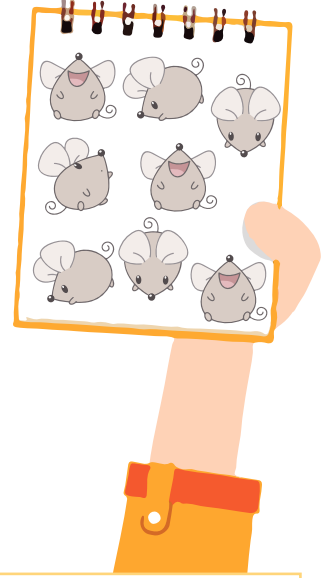
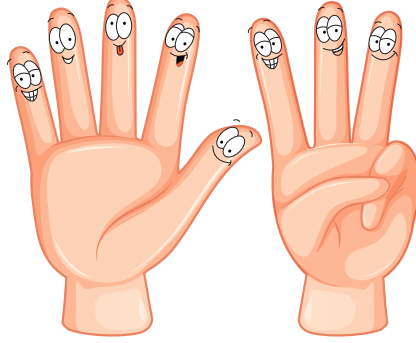
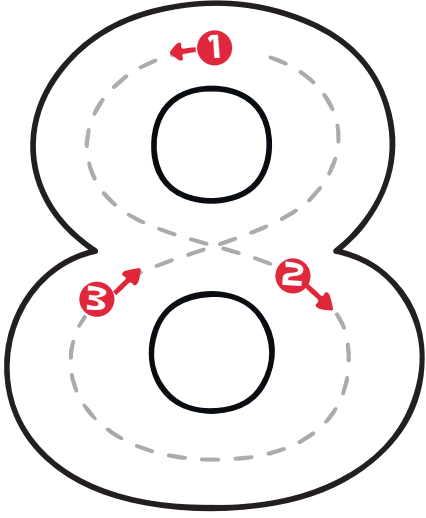
7 Rakamını Tanıyorum



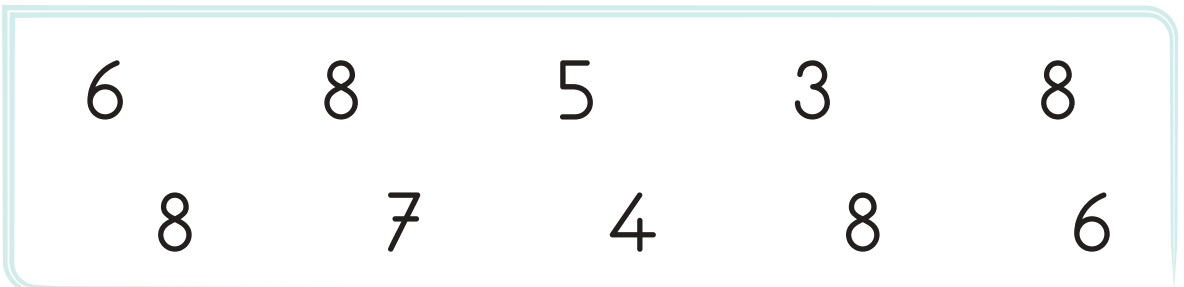
Varlıkların sayısını gösteren rakamları yuvarlak içine alalım.



8 Rakamını Tanıyorum



8 rakamlarını yuvarlak içine alalım.



8 Rakamını Tanıyorum

8 8 8

8 8

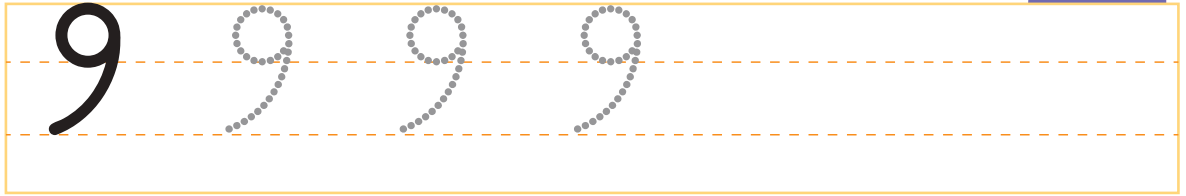
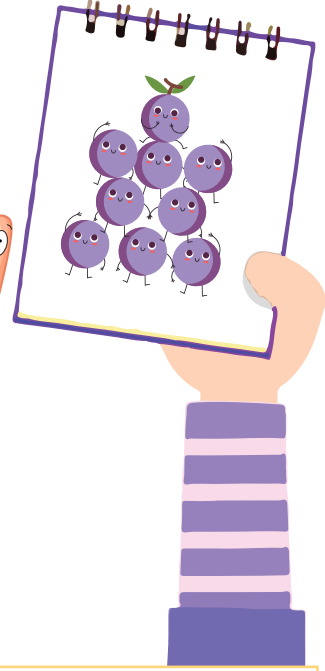
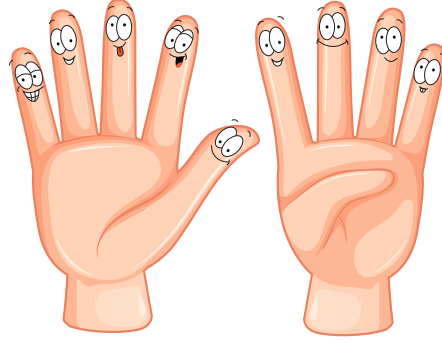
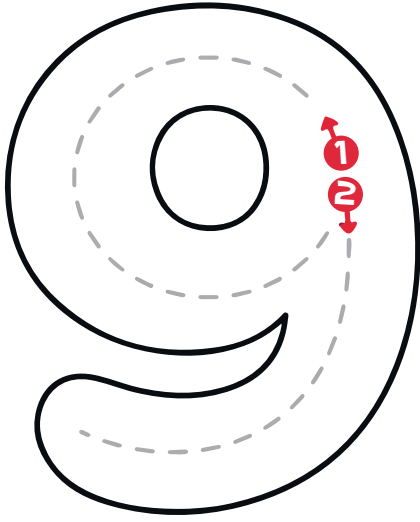
8



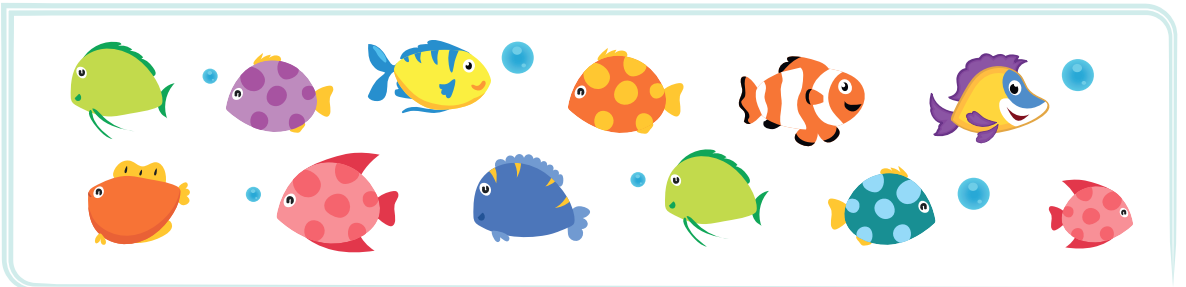
Bulutların içine belirtilen sayı kadar yıldız çizelim.



9 Rakamını Tanıyorum



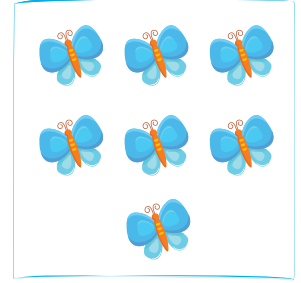
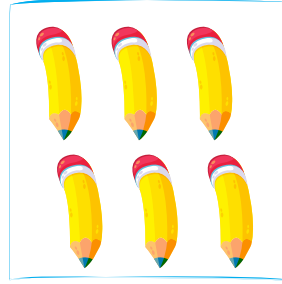
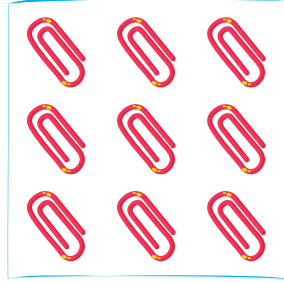
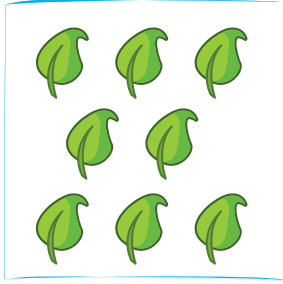
9 tane balığı yuvarlak içine alalım.



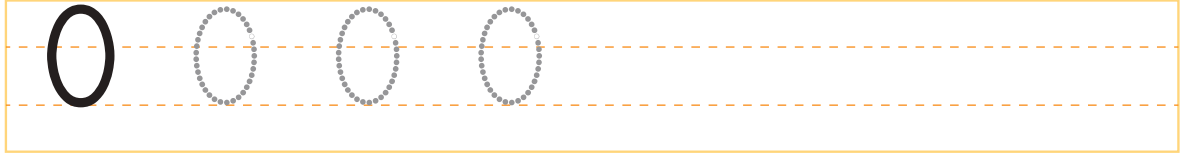
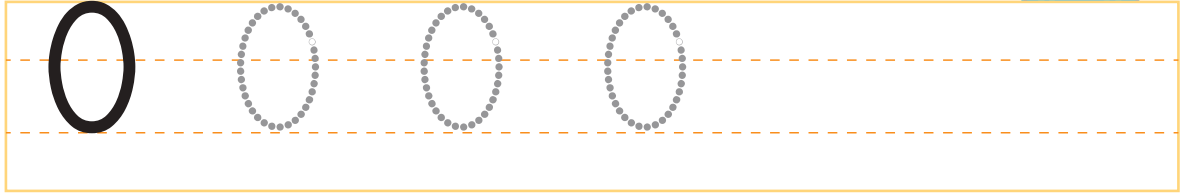
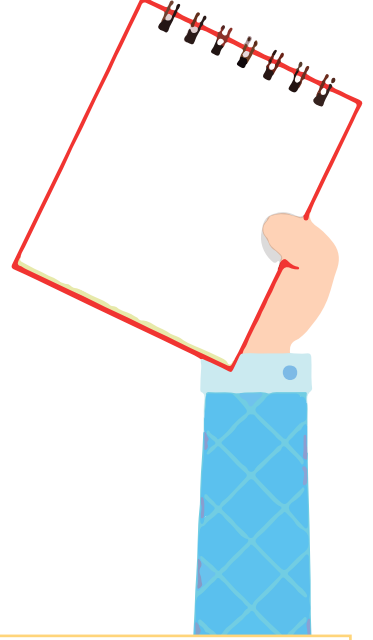
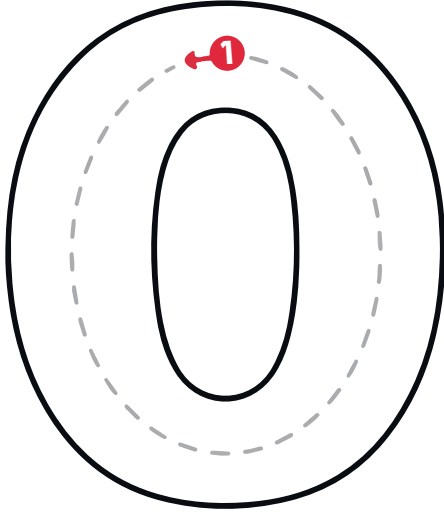
9 Rakamını Tanıyorum



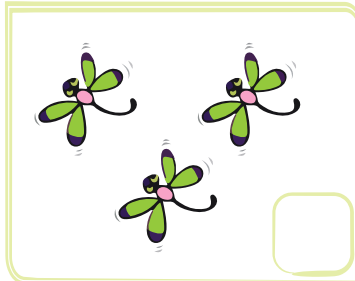
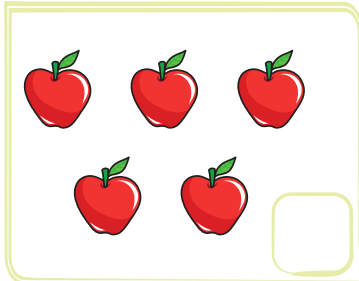
Varlıkların sayısını uygun rakamlarla eşleştirelim.



0 Rakamını Tanıyorum



Kutuların içindeki varlıklardan 0 tane olanı işaretleyelim.



0 Rakamını Tanıyorum

0 0 0

0 0

0



Varlıkların sayısını gösteren rakamları yuvarlak içine alalım.

0
1
2
3

0
1
2
3

0
1
2
3

0
1
2
3

Nesne Sayısı



Aşağıdaki nesneleri sayalım. Bulduğumuz sayının balonunu boyayalım.

5
6
7

4
5
6

7
8
9

1
2
3

6
7
8

3
4
5

Nesne Sayısı



Kalplerin kaç tane olduğunu altlarına yazalım.



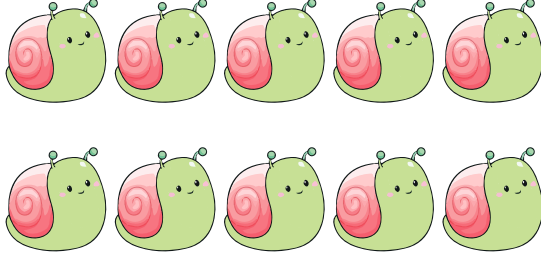
Görseli inceleyelim. Her varlığın kaç tane olduğunu yazalım.



10 ile 20 Arasındaki Sayılar



Varlıkları sayıp, yazalım.

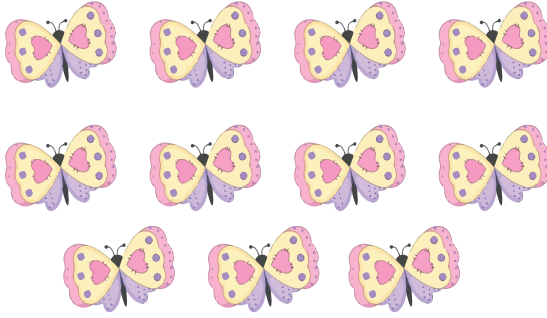


10

10 10

10

10



11

11 11

11

11



12

12 12

12

12

10 ile 20 Arasındaki Sayılar

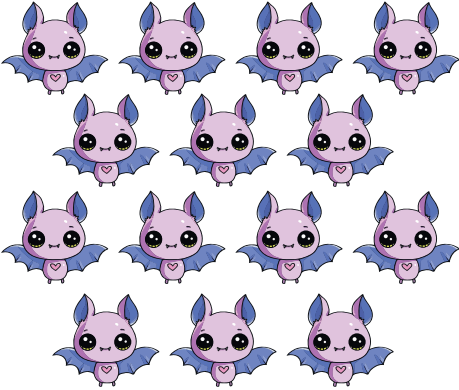


13

13 13

13

13

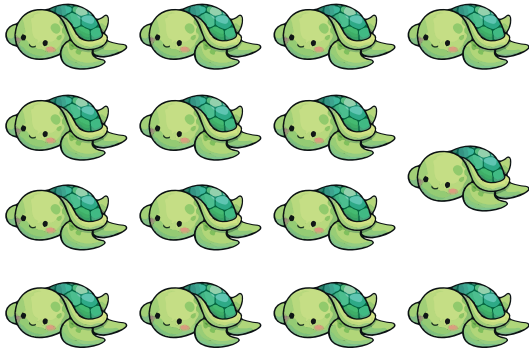


14

14 14

14

14



15

15 15

15

15

10 ile 20 Arasındaki Sayılar

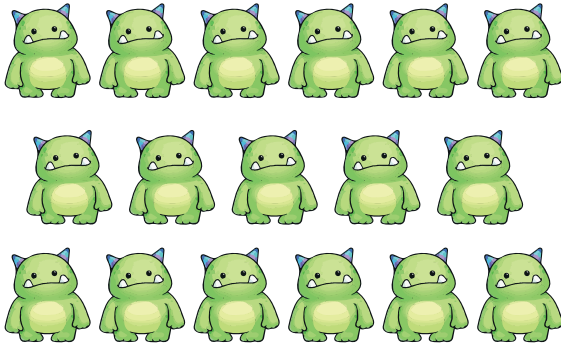


16

16 16

16

16

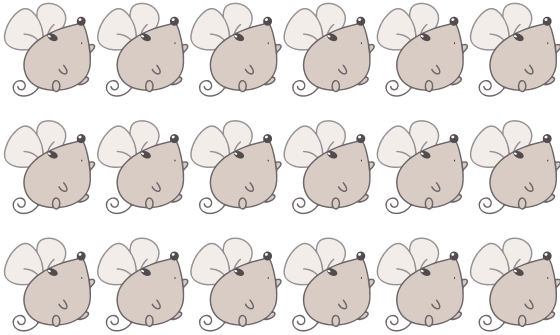


17

17 17

17

17



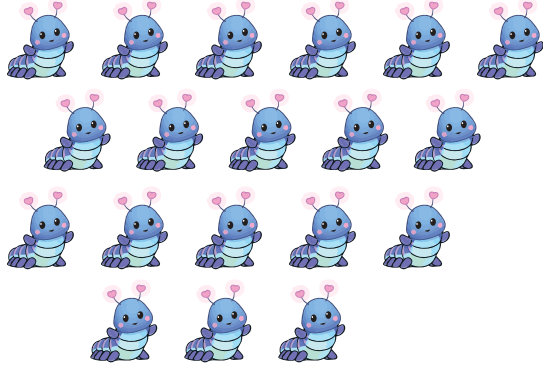
18

18 18

18

18

10 ile 20 Arasındaki Sayılar

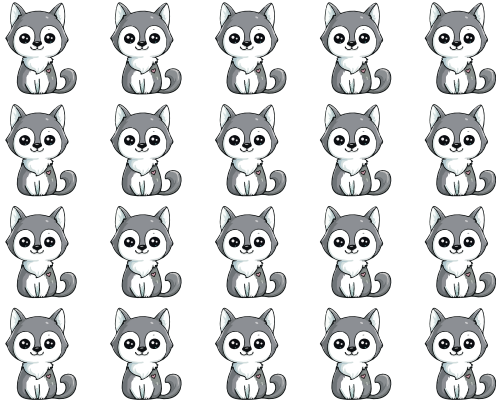


19

19 19

19

19



20

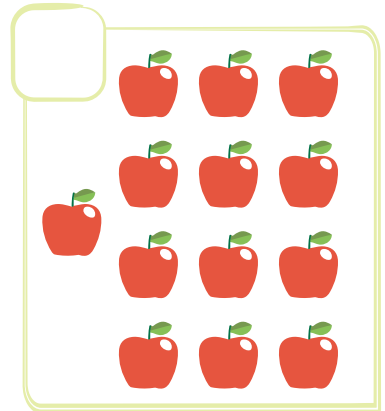
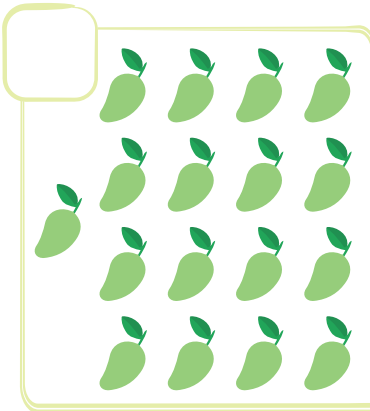
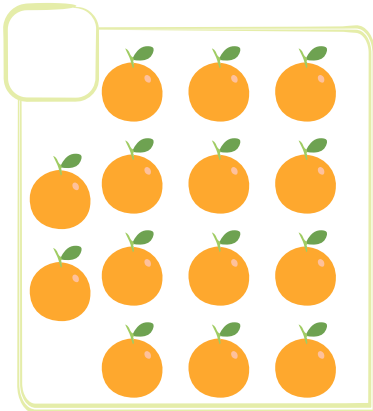
20 20

20

20



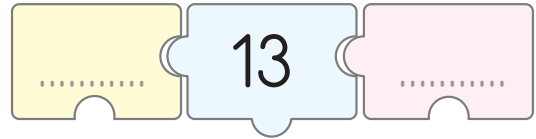
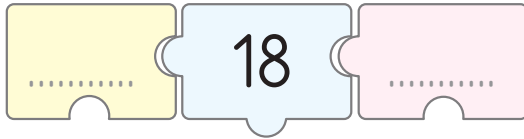
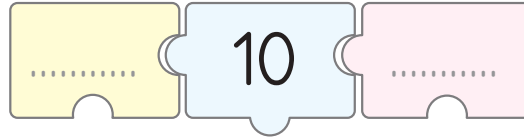
Varlıkların sayısını yazalım.



Önce, Sonra ve Aradaki Sayılar



Aşağıda verilen sayılardan önce ve sonra gelen sayıları yazalım.



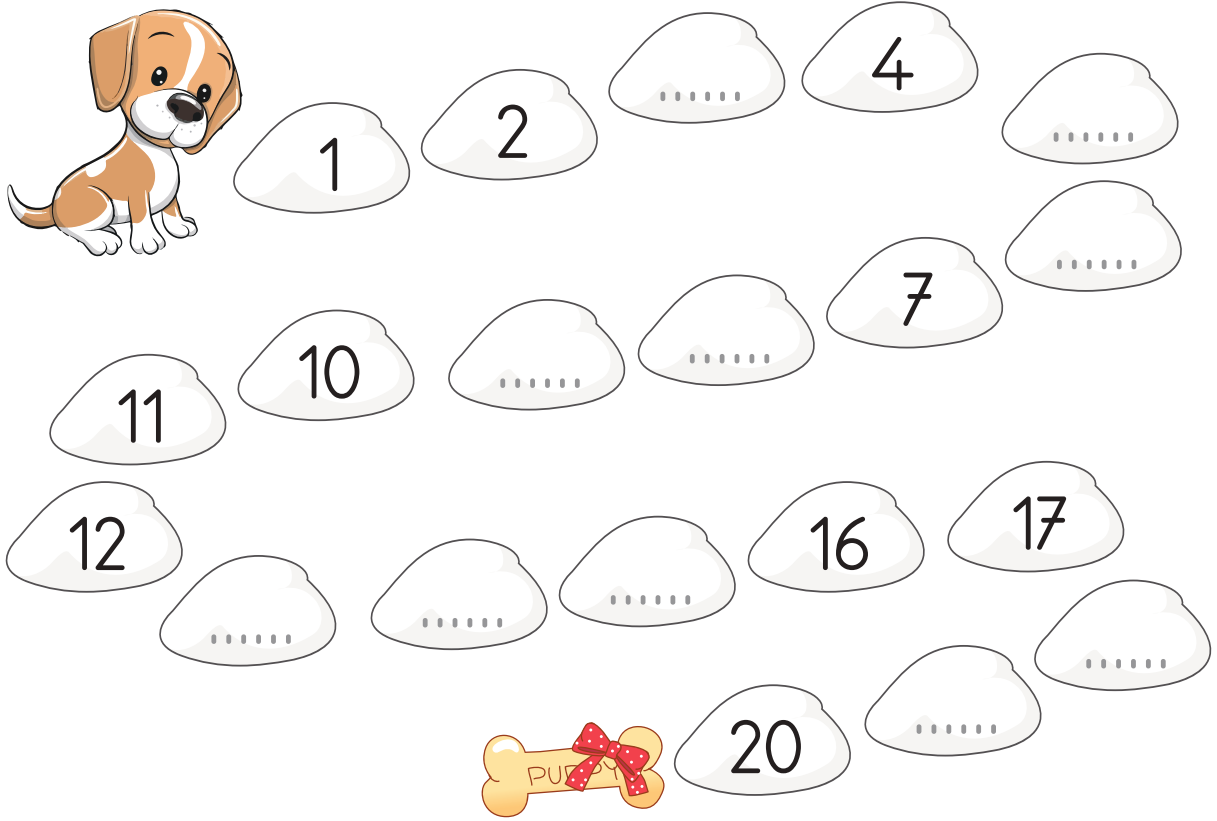
Aşağıdaki sayıların arasında olması gereken sayıları yazalım.



Önce, Sonra ve Aradaki Sayılar



Eksik olan sayıları yazalım. Yönergeleri uygulayalım.



7 ile 9 arasındaki sayıyı mora boyayalım.

13'ten sonra gelen sayıyı sarıya boyayalım.

17'den önce gelen sayıyı pembeye boyayalım.

16 ile 18 arasındaki sayıyı maviye boyayalım.

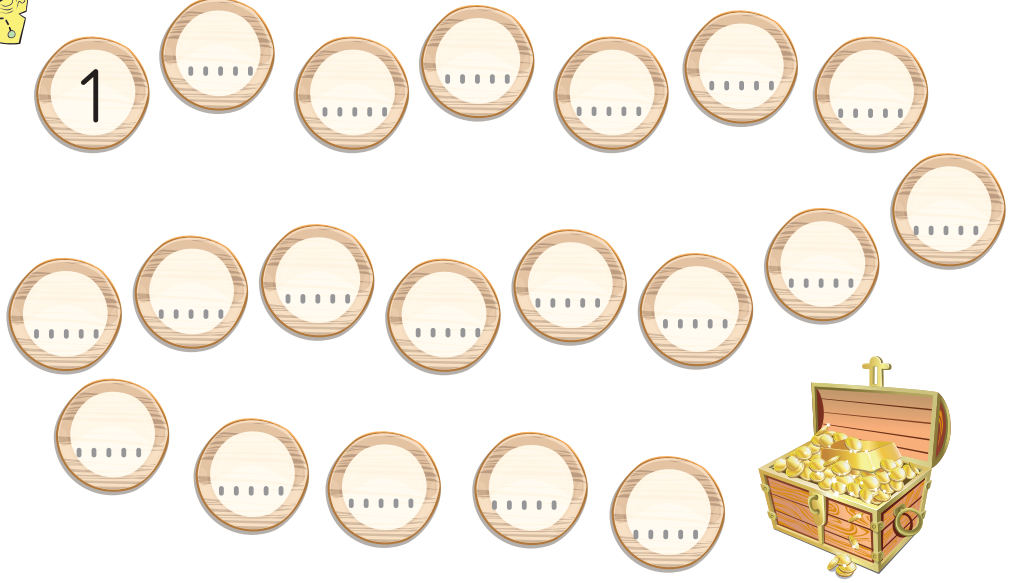
3'ten önce gelen sayıyı yeşile boyayalım.

6'dan sonra gelen sayıyı griye boyayalım.

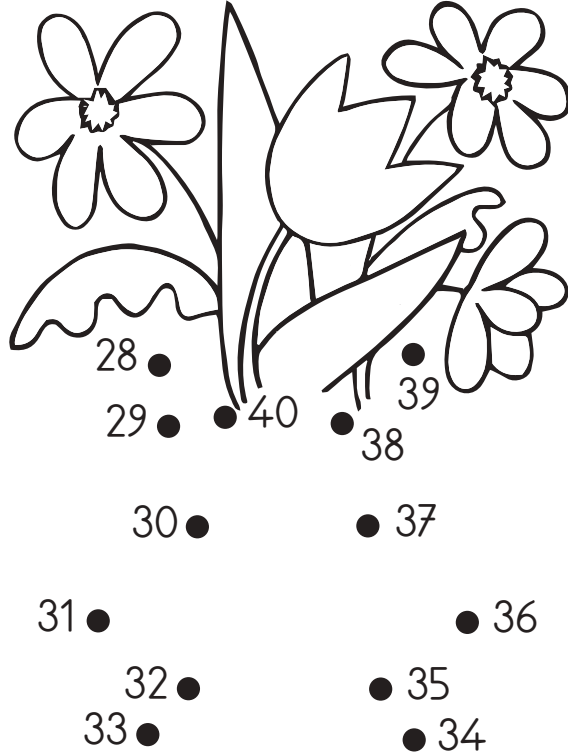
Birer Ritmik Sayalım



Birer ritmik sayarak noktalı yerleri dolduralım.



28'den başlayıp birer birer sayarak noktaları birleştirelim. Oluşan görseli boyayalım.



Birer Ritmik Sayalım



20'den geriye birer ritmik sayarak tavşanı havuca ulaştıralım.

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



Belirtilen sayılardan başlayarak geriye doğru birer ritmik sayma yapalım.

14 13

11

20

Birer Ritmik Sayalım



İleriye ritmik sayan çocukları ✓ ile, geriye ritmik sayan çocukları ✗ ile işaretleyelim.



12 - 13 - 14 - 15 - 16



9 - 8 - 7 - 6 - 5



15 - 14 - 13 - 12 - 11



10 - 11 - 12 - 13 - 14



16 - 17 - 18 - 19 - 20

Birer Ritmik Sayalım



Verilen sayılardan başlayarak ileri ve geri birer ritmik sayma yaparak şekilleri dolduralım.

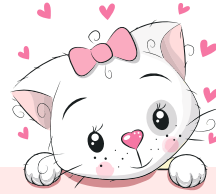
Four rows of heart shapes for counting practice. Each row has a central heart with a number and arrows pointing left and right.

- Row 1: Pink hearts. Central heart: 15. Left arrow labeled 'geri' points to heart 14. Right arrow labeled 'ileri' points to heart 16.
- Row 2: Light blue hearts. Central heart: 10. Left arrow labeled 'geri' points to heart 9. Right arrow labeled 'ileri' points to heart 11.
- Row 3: Orange hearts. Central heart: 17. Left arrow labeled 'geri' points to heart 16. Right arrow labeled 'ileri' points to heart 18.
- Row 4: Green hearts. Central heart: 4. Left arrow labeled 'geri' points to heart 3. Right arrow labeled 'ileri' points to heart 5.

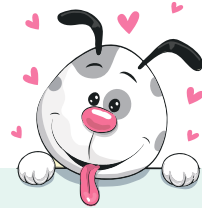


Aşağıdaki tabloya göre yönergeleri uygulayalım.

50	51	52	53	54
55	56	57	58	59
60	61	62	63	64
65	66	67	68	69
70	71	72	73	74
75	76	77	78	79



53'ten başlayarak birer birer 57'ye kadar sayalım. Her bir sayıyı sarıya boyayalım.

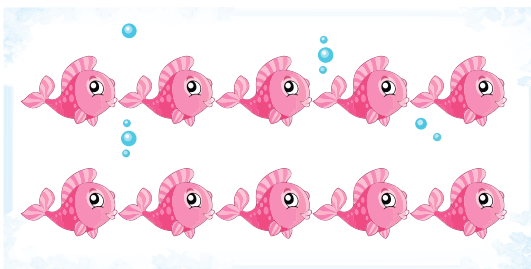
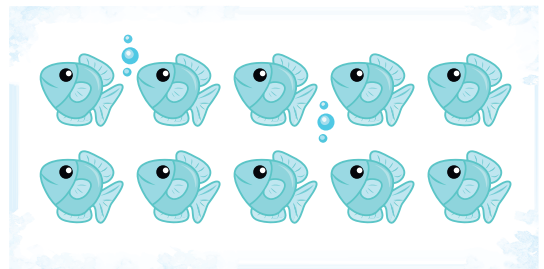
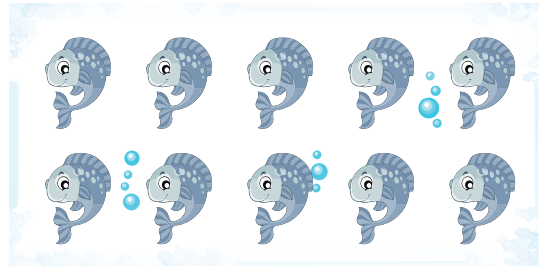
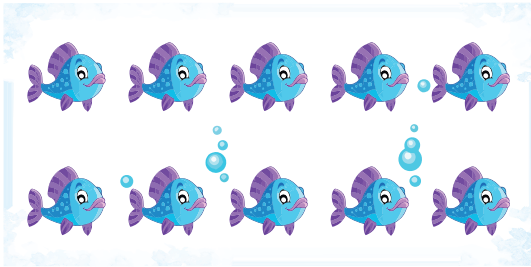
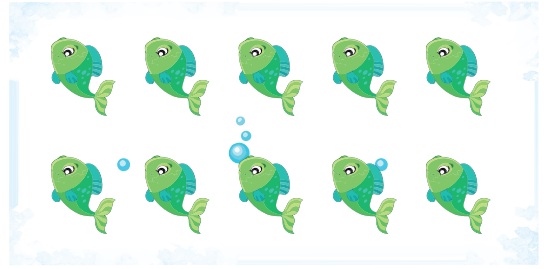
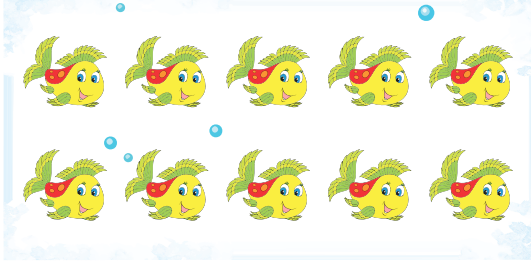


66'dan başlayarak birer birer 75'e kadar sayalım. Her bir sayıyı maviye boyayalım.

Onar Ritmik Sayalım



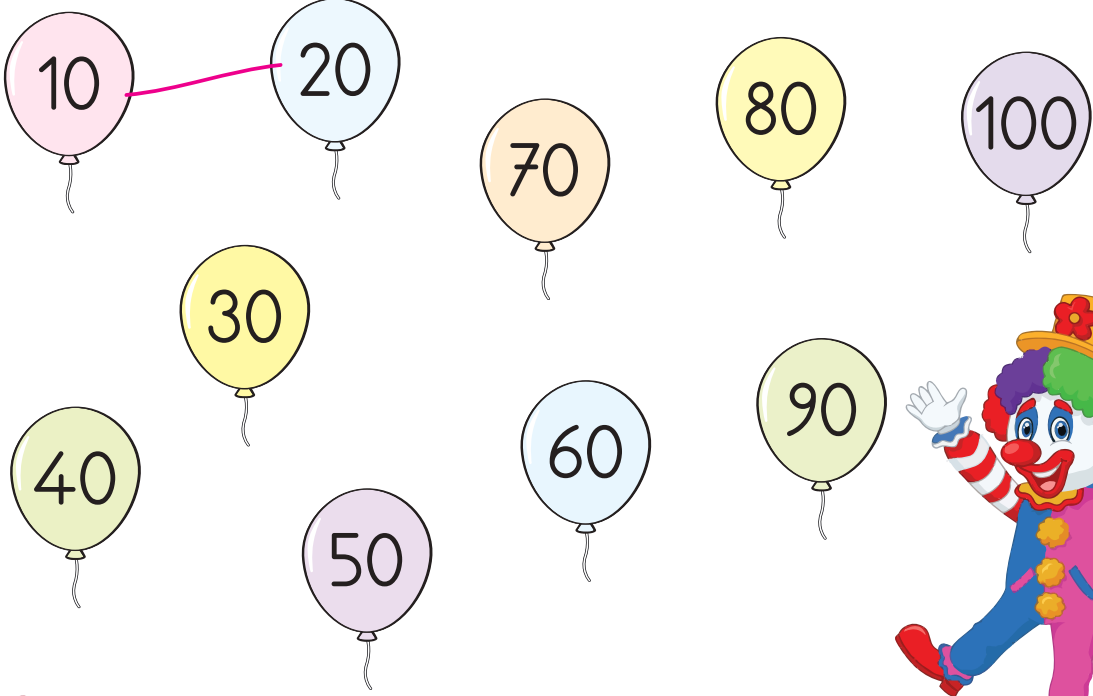
Balıkları onar ritmik sayalım.



Onar Ritmik Sayalım



Balonları onar ritmik sayarak birleştirelim.



Onar ritmik sayarak Ela'yı evine ulaştıralım.



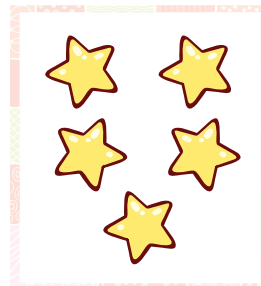
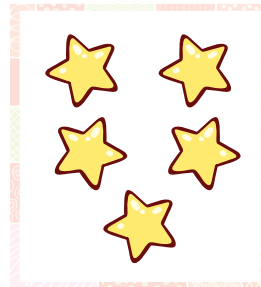
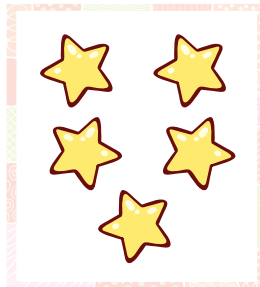
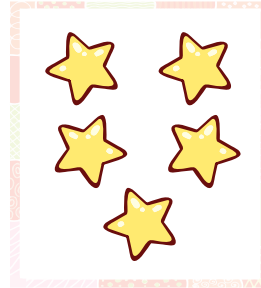
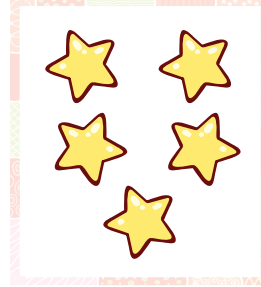
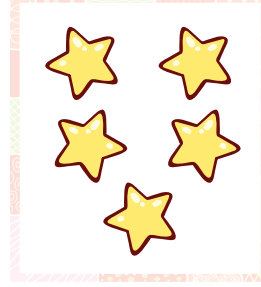
10	20	90	20	50	10
80	30	40	80	30	40
90	60	50	10		
90	30	40	70	10	30
20	60	10	80	90	100



Beşer Ritmik Sayalım



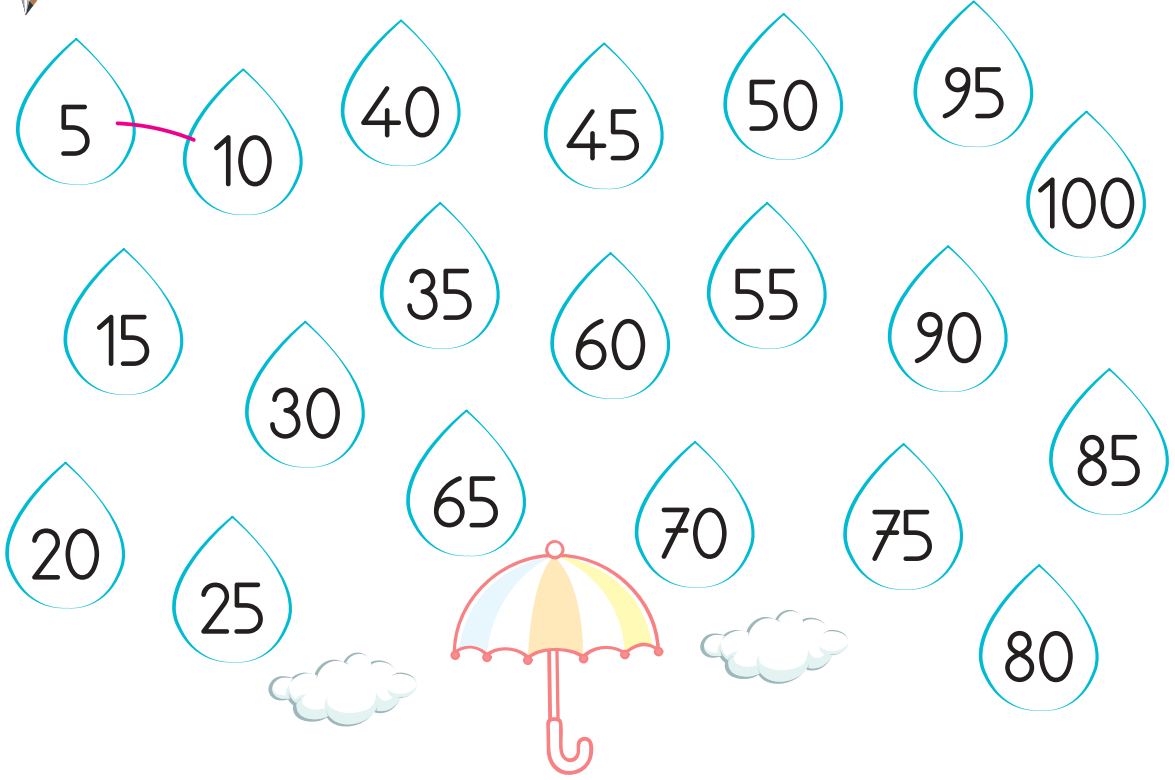
Yıldızları beşer beşer ritmik sayalım.



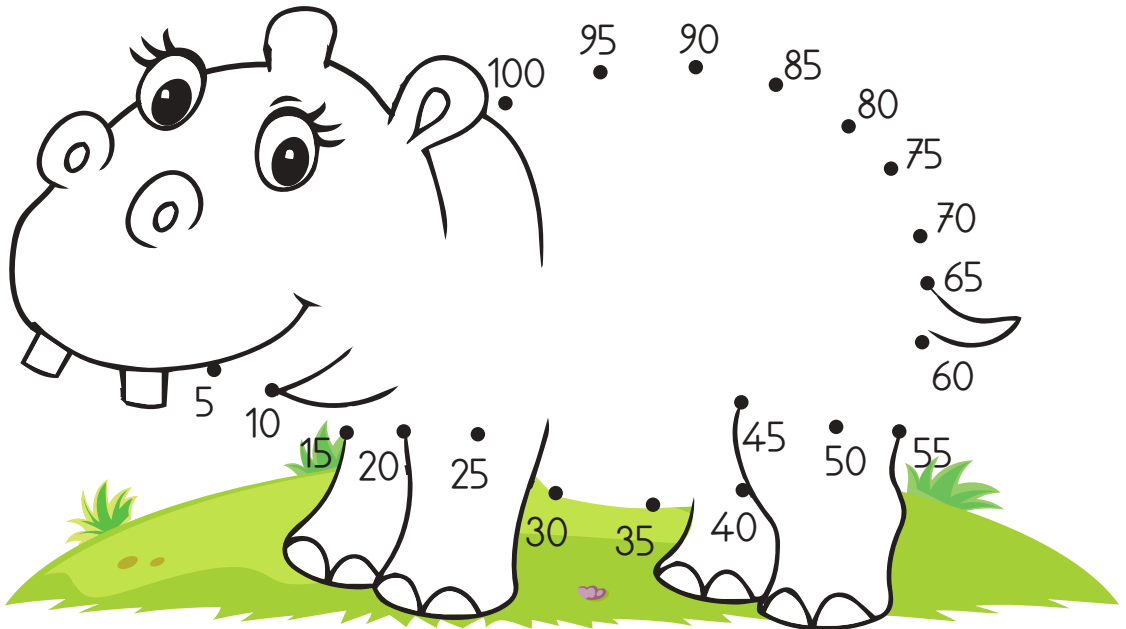
Beşer Ritmik Sayalım



Damlaları beşer ritmik sayma yaparak birleştirelim.



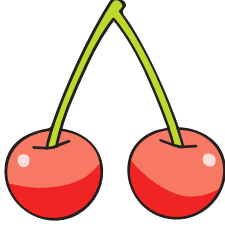
5'ten başlayarak beşer beşer sayarak noktaları birleştirelim. Oluşan görseli boyayalım.



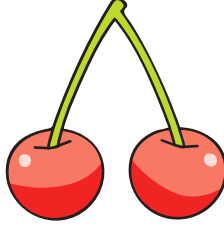
İkişer Ritmik Sayalım



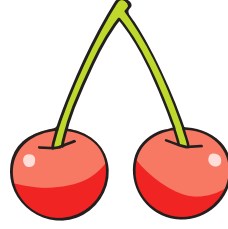
Kirazları ikişer ritmik sayalım. Örnekteki gibi yazalım.



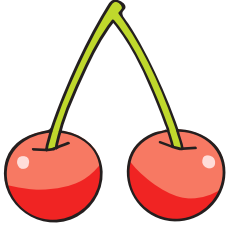
2



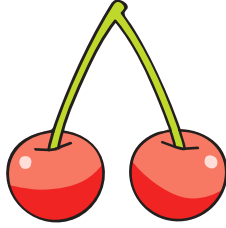
4



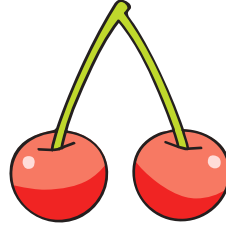
.....



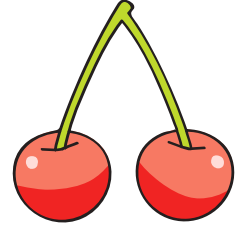
.....



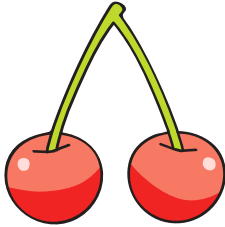
.....



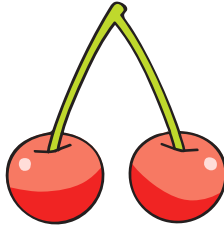
.....



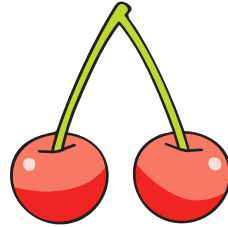
.....



.....



.....



.....



2'den 20'ye kadar ikişer ikişer yazalım.

2 - 4

.....

İkişer Ritmik Sayalım

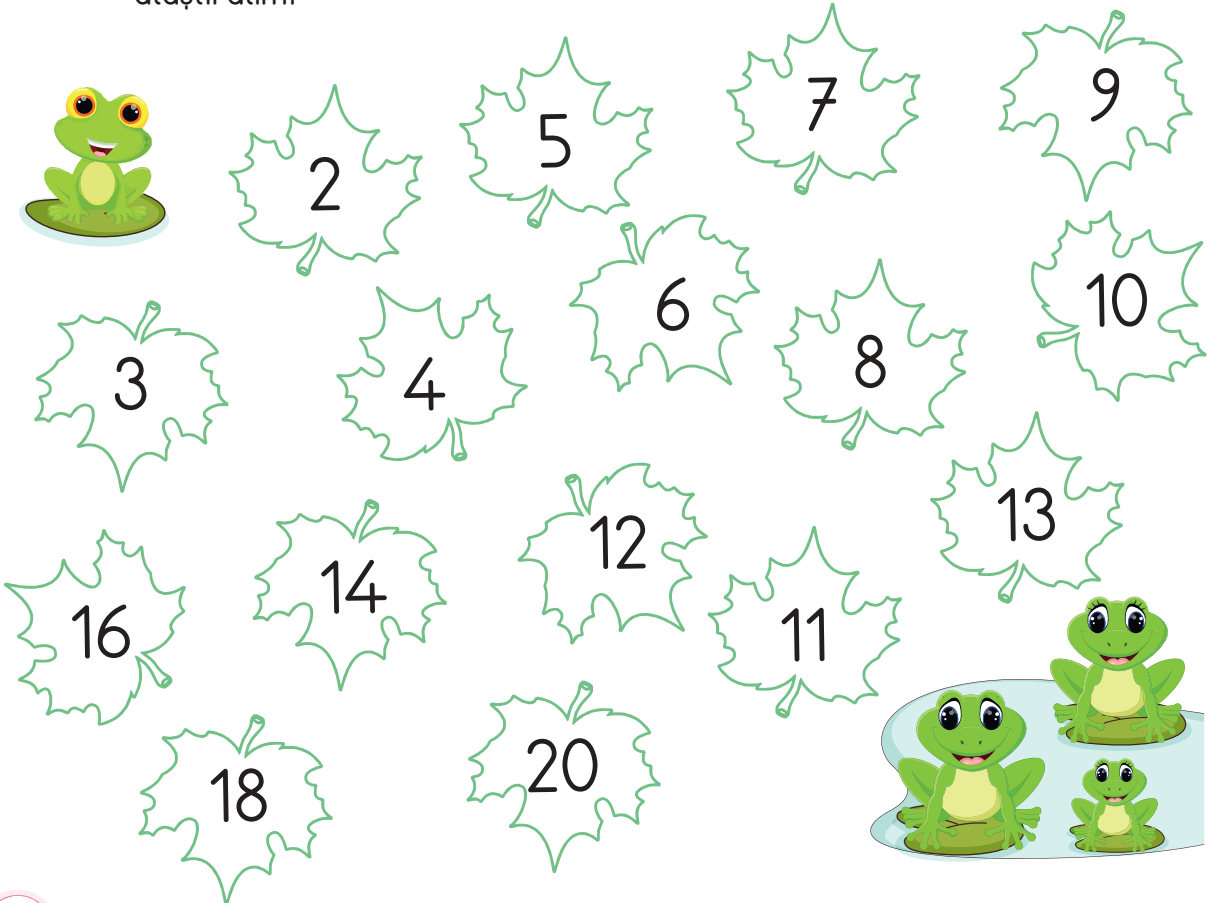


İleriye doğru ikişer sayarken verilmeyen sayıları yazalım.

2	4	....	8	....	12	14
6	....	10	12	....	16	....
8	10	....	....	16	....	....
4	....	....	10	....	....	16



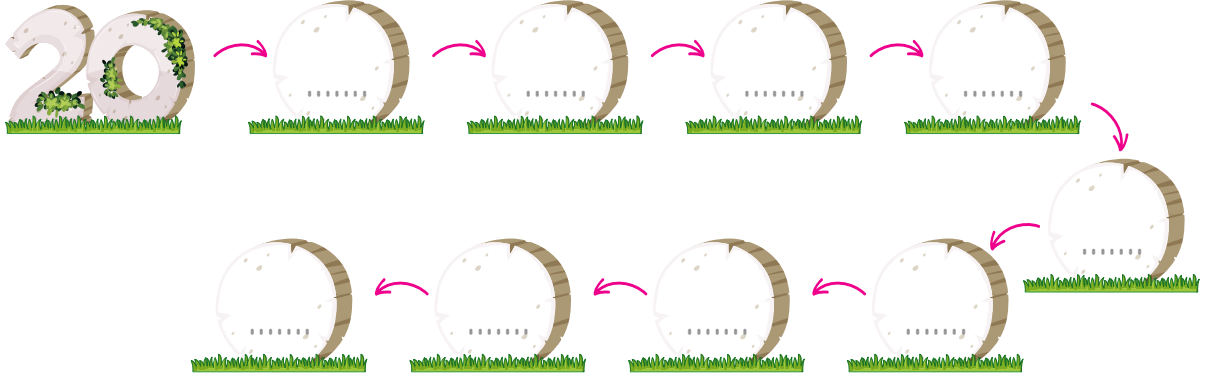
İkişer ritmik sayarak yaprakları boyayalım. Kurbağayı ailesine ulaştıralım.



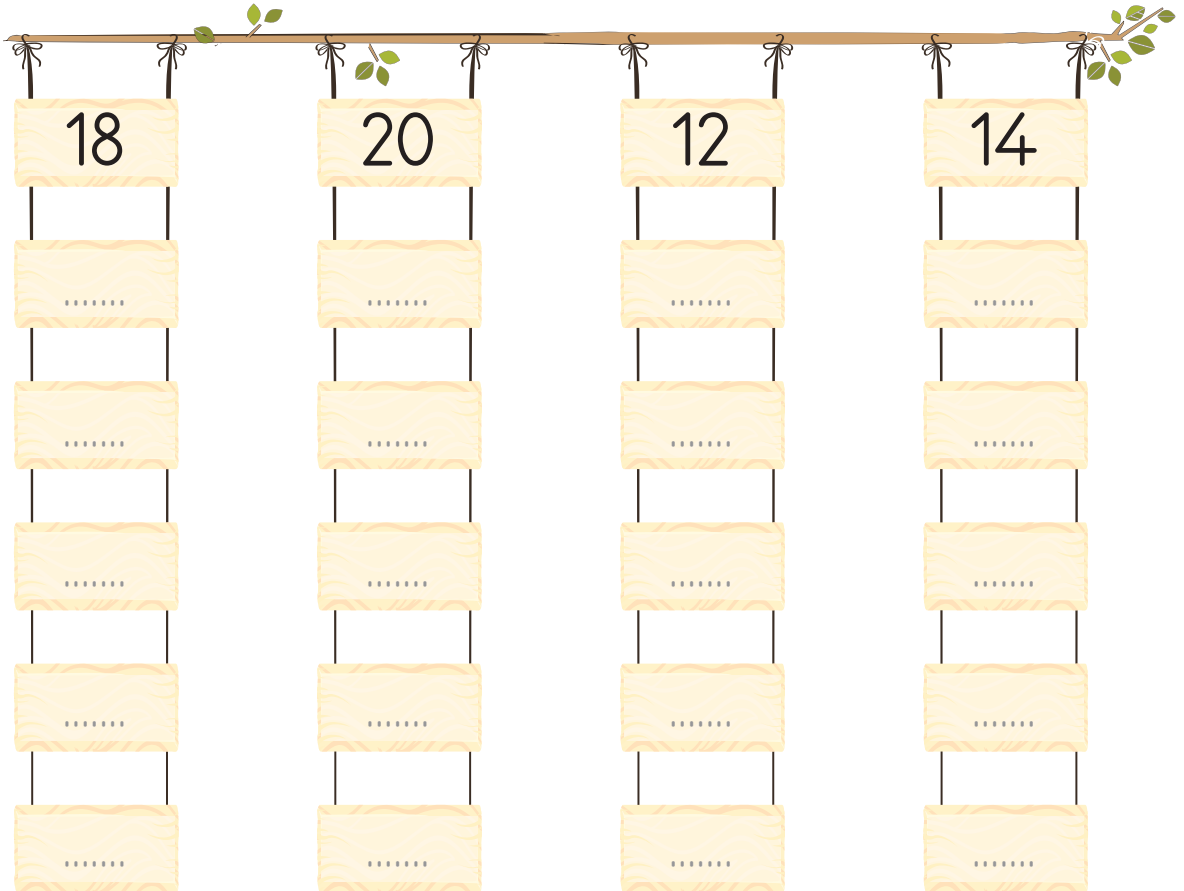
İkişer Ritmik Sayalım



20'den geriye ikişer sayıp yazalım.



Belirtilen sayılardan başlayarak geriye ikişer ritmik sayalım.



İkişer Ritmik Sayalım



İleriye ritmik sayan çocukları ✓ ile, geriye ritmik sayan çocukları ✗ ile işaretleyelim.



6 - 8 - 10



16 - 14 - 12



20 - 18 - 16



14 - 16 - 18



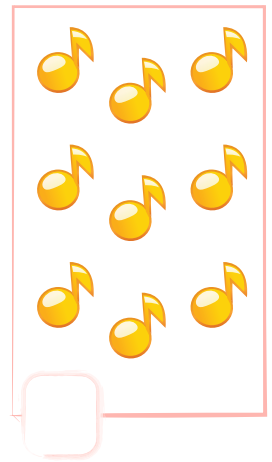
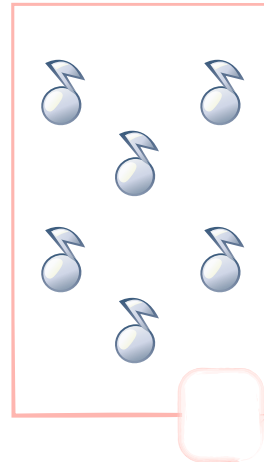
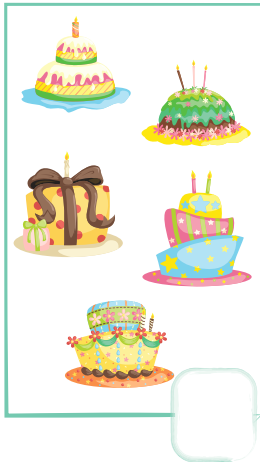
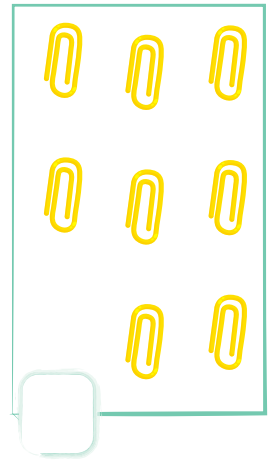
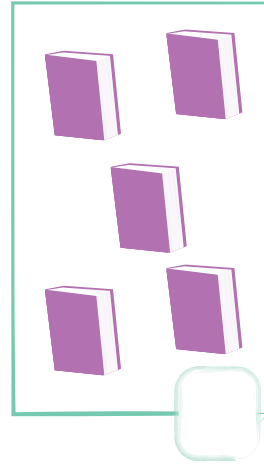
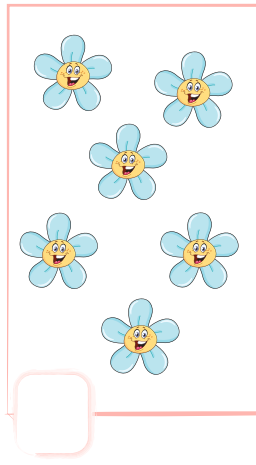
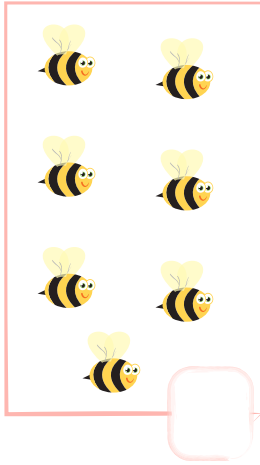
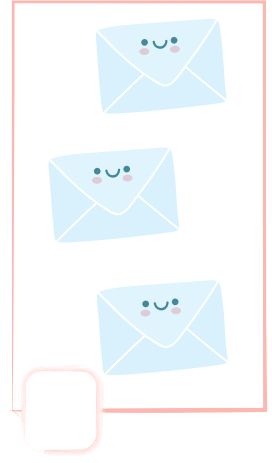
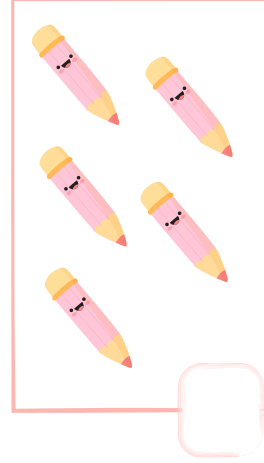
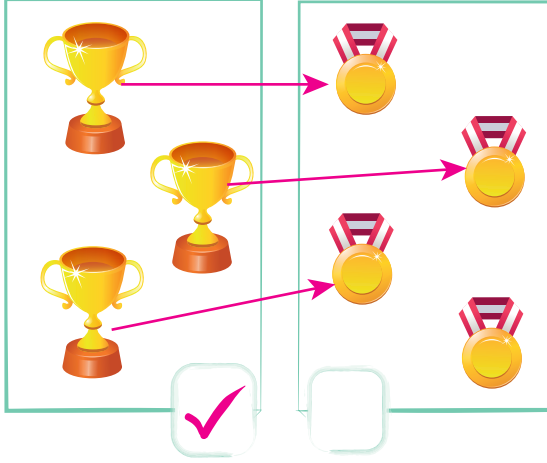
Geriye doğru ikişer sayarken verilmeyen sayıları yazalım.



Nesne Sayılarını Karşılaştıralım



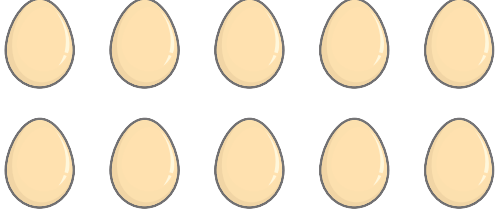
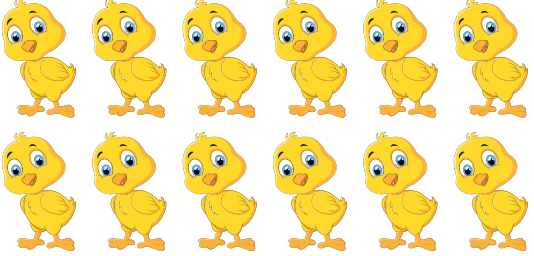
Gruplardaki nesneleri birebir eşleyelim. Nesne sayısı az olan grubu işaretleyelim.

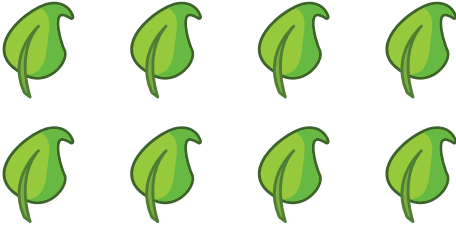
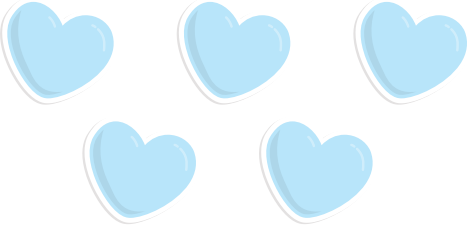


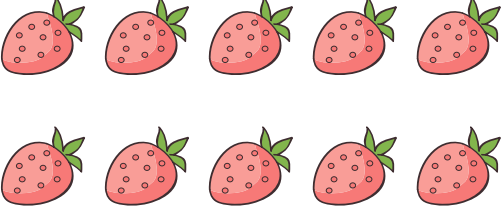
Nesne Sayılarını Karşılaştıralım

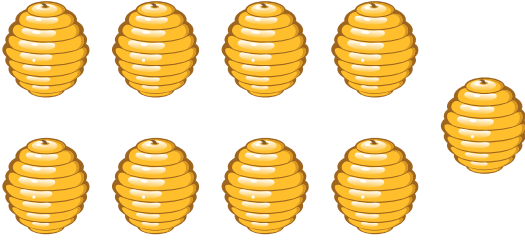
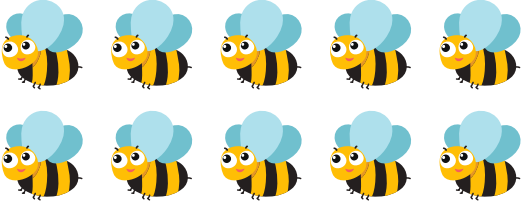


Görseli verilen varlıklardan sayısı çok olanı işaretleyelim.

	
☐	☐

	
☐	☐

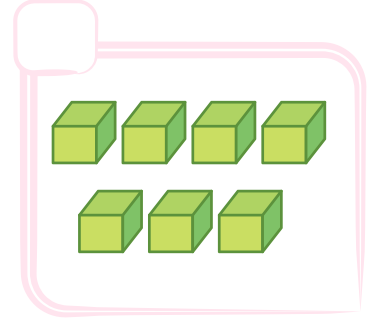
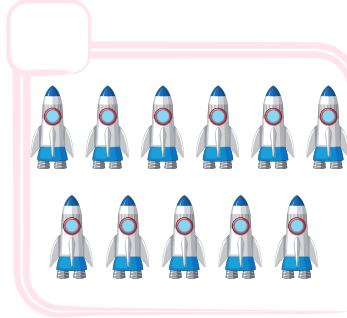
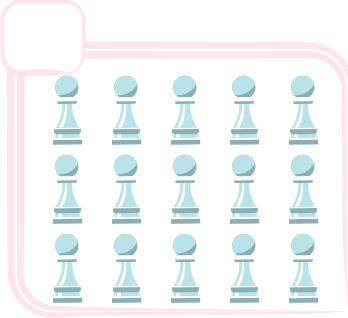
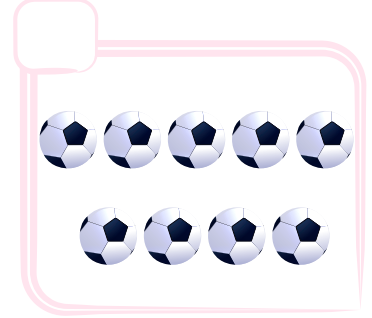
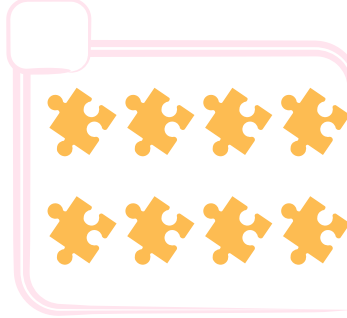
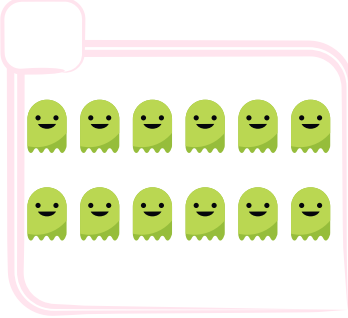
	
☐	☐

	
☐	☐

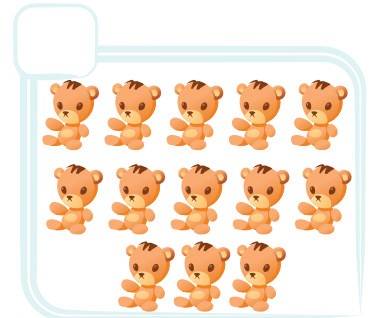
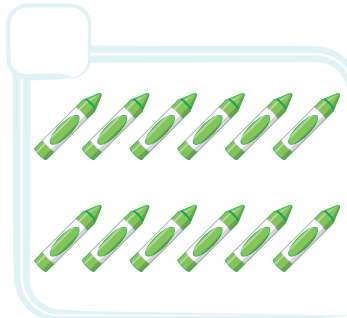
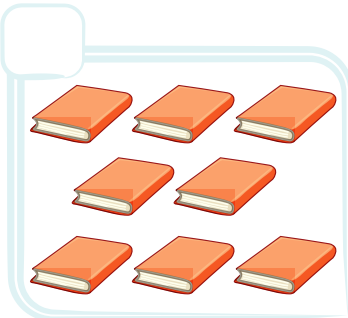
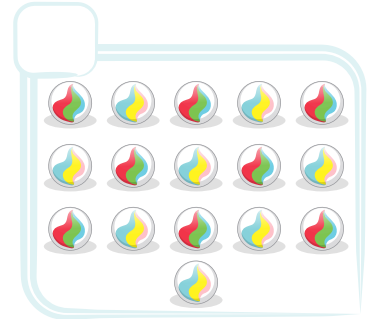
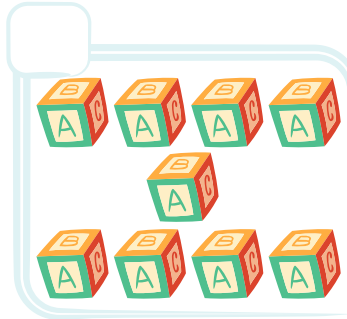
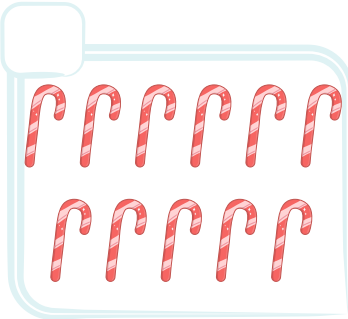
10'dan Az 10'dan Çok



Aşağıdaki varlıklardan, sayısı 10'dan az olanları işaretleyelim.



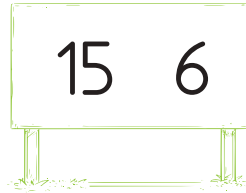
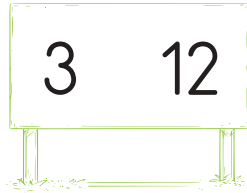
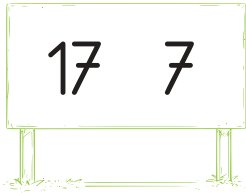
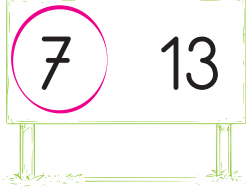
Aşağıdaki varlıklardan, sayısı 10'dan çok olanları işaretleyelim.



10'dan Az 10'dan Çok



Aşağıdaki sayıları 10 ile karşılaştıralım. 10'dan küçük olanları yuvarlak içine alalım.



Çocukların balonunda yazan sayıları 10 ile karşılaştıralım. 10'dan büyük olanların balonunu boyayalım.



Onluk ve Birlik



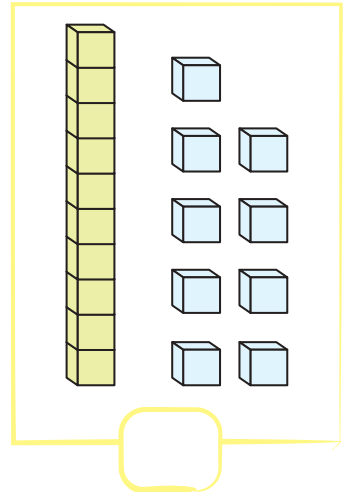
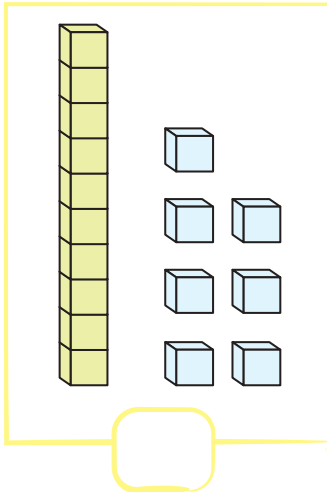
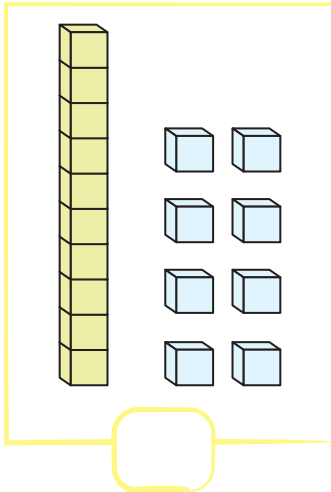
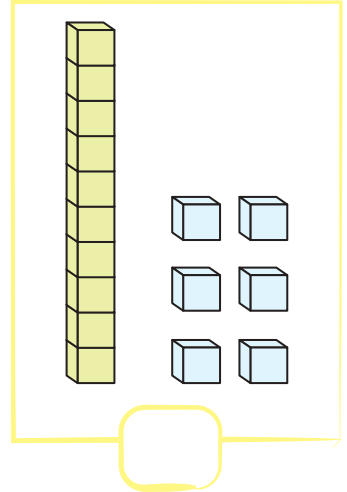
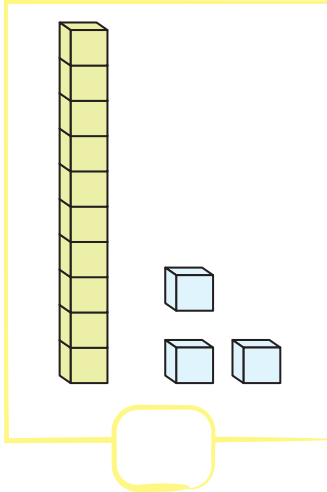
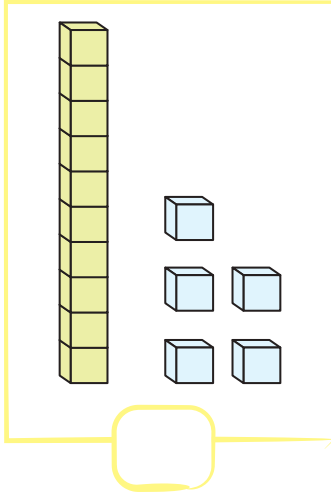
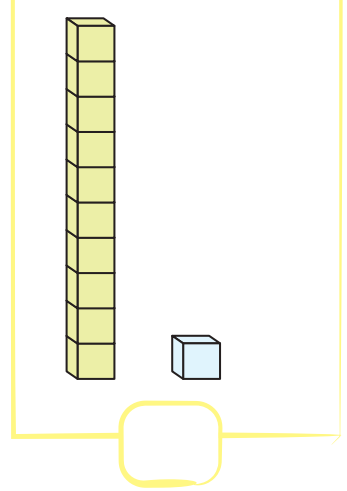
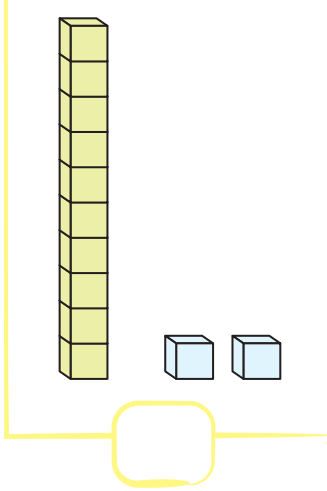
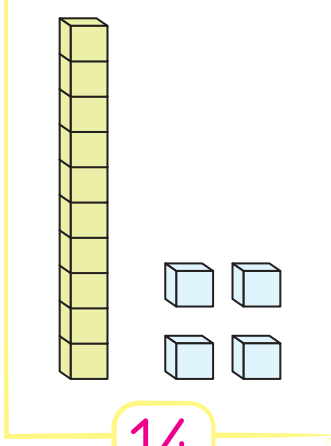
Aşağıdaki varlıklardan 10 tanesini gruplayalım. Varlıkların sayısını örnekteki gibi yazalım.

10 3

Onluk ve Birlik



Taban blokları ile gösterilen sayıları yazalım.



Onluk ve Birlik



Onluk ve birlikleri verilen sayıları yazalım.

Onluk	Birlik
1	7
17	

Onluk	Birlik
2	0
.....	

Onluk	Birlik
1	6
.....	

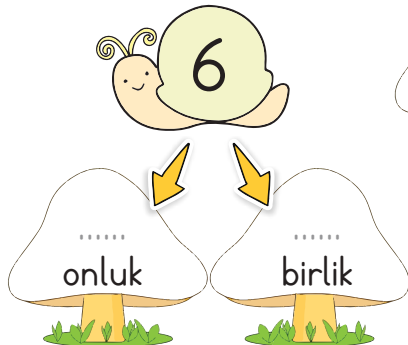
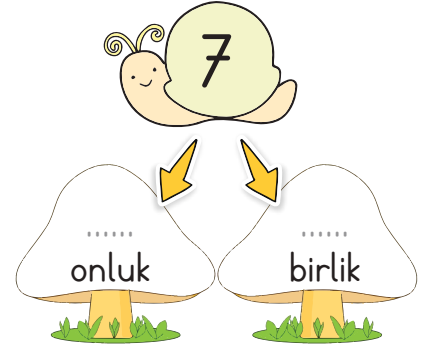
Onluk	Birlik
0	5
.....	

Onluk	Birlik
1	0
.....	

Onluk	Birlik
0	9
.....	



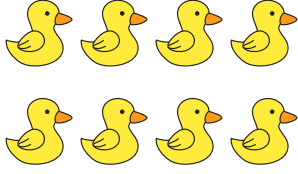
Aşağıdaki sayıların onluk ve birliklerini örnekteki gibi yazalım.



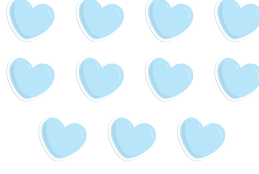
Onluk ve Birlik



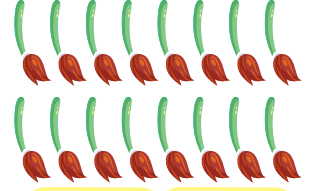
Noktalı yerleri örnekteki gibi dolduralım.



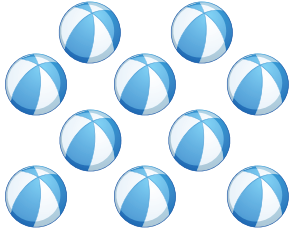
Onluk	Birlik
0	8
8	



Onluk	Birlik



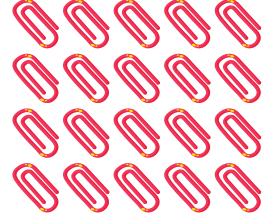
Onluk	Birlik



Onluk	Birlik



Onluk	Birlik



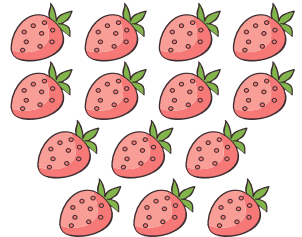
Onluk	Birlik



Onluk	Birlik



Onluk	Birlik



Onluk	Birlik

Onluk ve Birlik



Abaküslerde gösterilen sayıları yazalım.



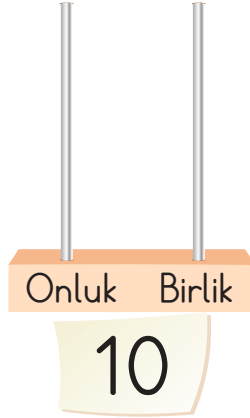
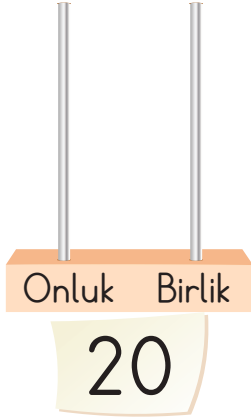
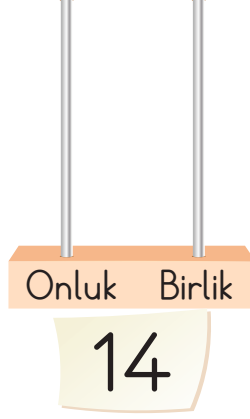
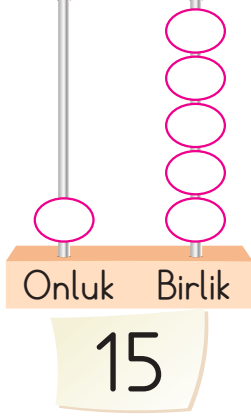
Sayılarıdaki kırmızı rakamlardan onluk olanlar için yıldız, birlik olanlar için kalp boyayalım.



Onluk ve Birlik



Verilen sayıları abaküste gösterelim.



Sayıları, onluk ve birliklere ayrılmış hâli ile eşleştirelim.

2

12

20

Onluk	Birlik
2	0

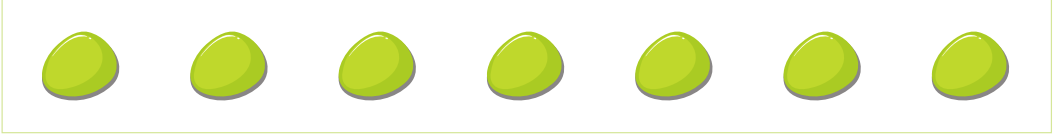
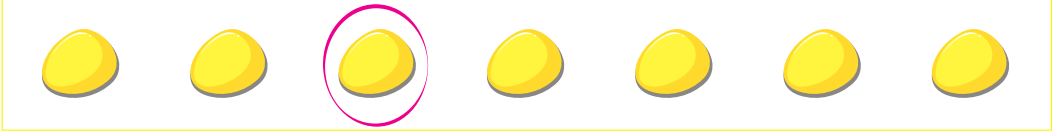
Onluk	Birlik
0	2

Onluk	Birlik
1	2

Sıra Bildiren Sayılar



Belirtilen sıradaki varlıkları yuvarlak içine alalım.



Yarış arabalarının kaçınıcı sırada olduğunu yazalım.



Sıra Bildiren Sayılar



Bilet sırasındaki çocukların adını sıra sayılarının yanına yazalım.



Ali

Ela

Ata

Nil



1.

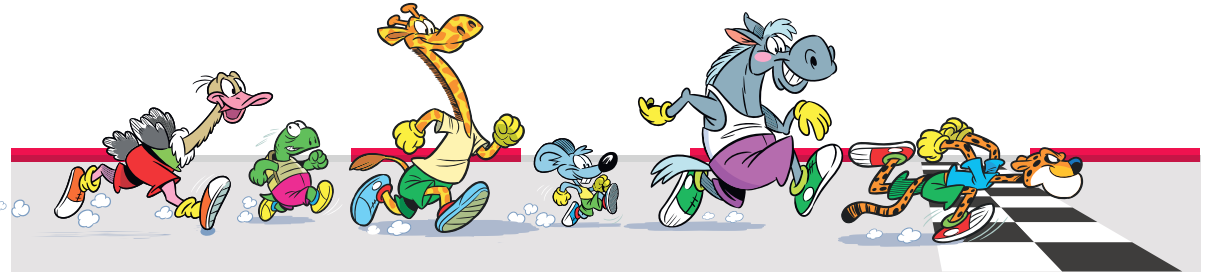
2.

3.

4.



Hayvanların yarıştaki sıralarını yazalım.



5.



Toplama İşlemi



Aşağıda modellenen toplama işlemlerini yapalım.

$$3 + 2 = 5$$

$$4 + 3 = 7$$

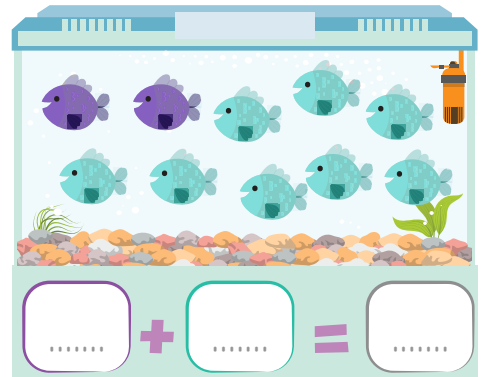
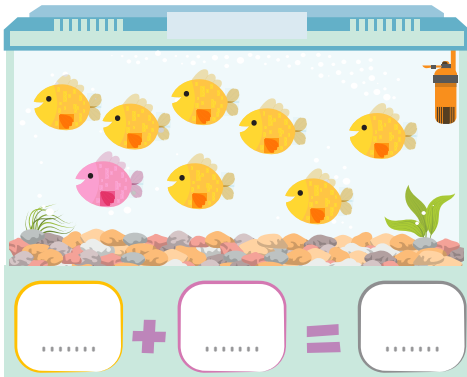
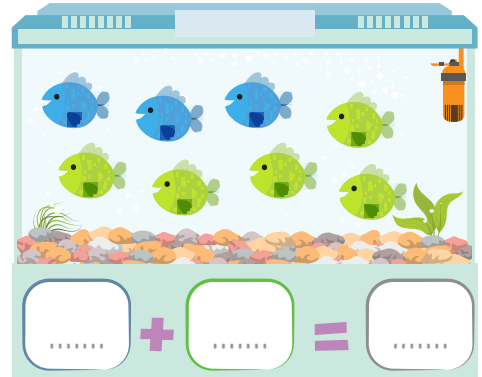
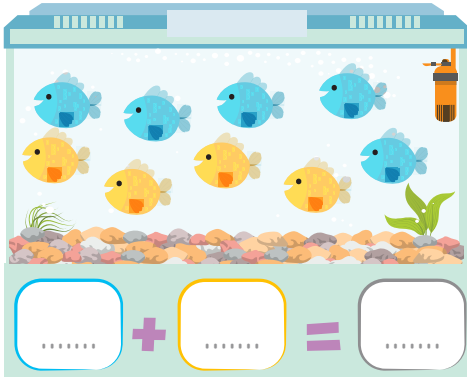
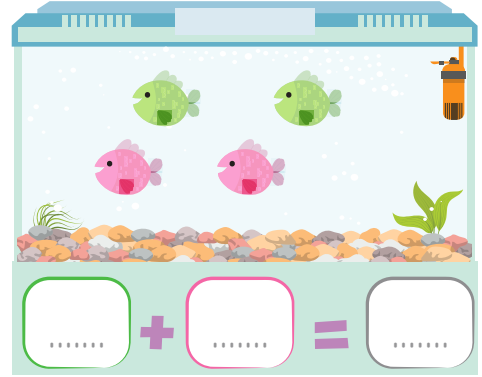
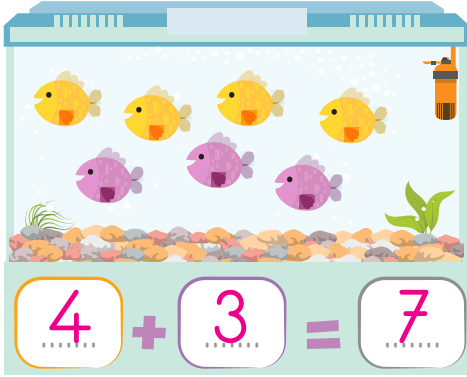
$$1 + 4 = 5$$

$$6 + 2 = 8$$

Toplama İşlemi



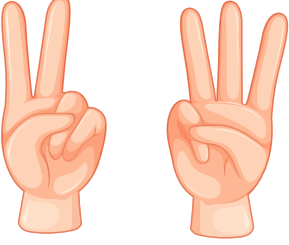
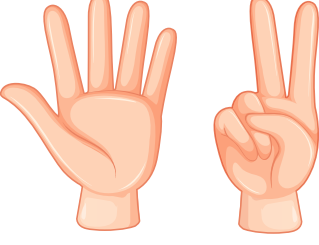
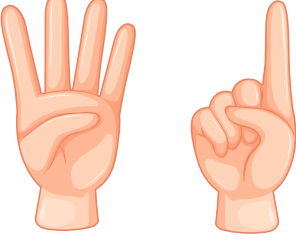
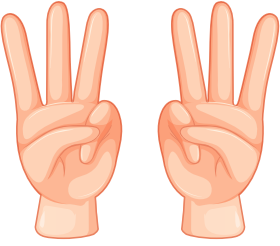
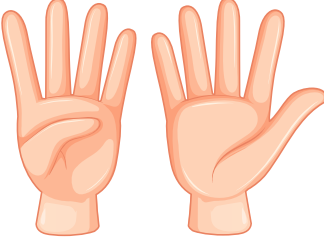
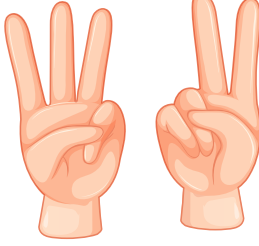
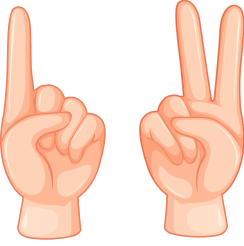
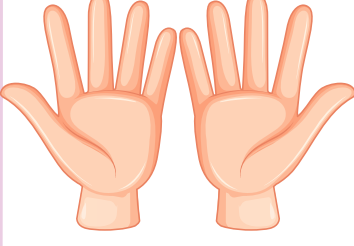
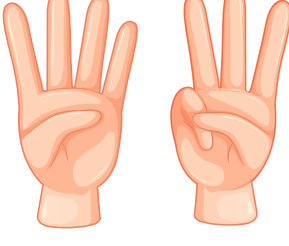
Balıkların sayısını işlem yaparak bulalım.



Toplama İşlemi



Modellenen toplama işlemlerini yapalım.


$$\boxed{2} + \boxed{3} = \boxed{5}$$

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

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

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

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

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

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

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

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

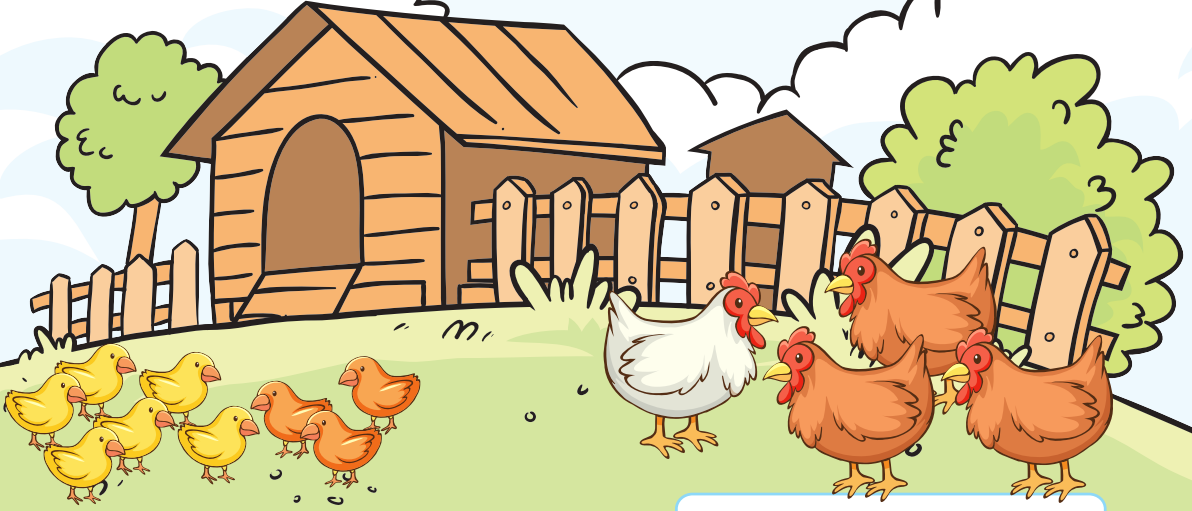
Toplama İşlemi



Aşağıdaki varlıkların sayılarını işlem yaparak bulalım.



$$6 + 4 = 10$$



$$..... + =$$

$$..... + =$$



$$..... + =$$



$$..... + =$$



$$..... + =$$

Toplama İşlemi



Taban blokları ile modellenen sayıları örnekteki gibi toplayalım.

11 + 3 = 14

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

Toplama İşlemi



Toplama işlemlerini yapalım. Sonuçları ile eşleştirelim.


$$7 + 6 = 13$$


$$8 + 3 = \dots\dots\dots$$


$$9 + 5 = \dots\dots\dots$$

11

15

10

8

14

13


$$6 + 4 = \dots\dots\dots$$


$$5 + 3 = \dots\dots\dots$$


$$8 + 7 = \dots\dots\dots$$



Toplama işlemlerini yapalım. Toplamları eşit olan işlemleri eşleştirelim.

$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 4 \\ \hline \end{array}$$

Toplama İşlemi



Toplama işlemlerini yapalım.

$$\begin{array}{r} 11 \\ + 4 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 12 \\ + 3 \\ \hline \end{array}$$

.....

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

.....

$$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 11 \\ + 7 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$$

.....

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

.....

$$\begin{array}{r} 12 \\ + 4 \\ \hline \end{array}$$

.....

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

.....

$$\begin{array}{r} 11 \\ + 1 \\ \hline \end{array}$$

.....

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

.....

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

.....



Toplama İşlemi



Toplama işlemlerini yapalım. Bulutları, işlem sonucuna göre uygun renge boyayalım.



$$\begin{array}{r} 7 \\ + 6 \\ \hline \end{array}$$

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

$$\begin{array}{r} 13 \\ + 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

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

10

13

14

17



Toplama işlemlerini yapalım.

$$12 + 6 = \dots\dots\dots$$

$$18 + 2 = \dots\dots\dots$$

$$15 + 4 = \dots\dots\dots$$

$$13 + 4 = \dots\dots\dots$$

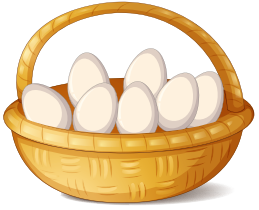
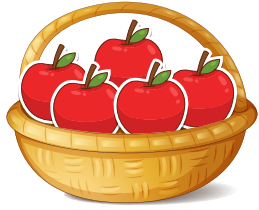
$$11 + 3 = \dots\dots\dots$$

$$17 + 2 = \dots\dots\dots$$

Toplama İşlemi



Görsellerle anlatılan toplama işlemlerini yapalım.

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

Toplama işlemlerini yapalım.

$$4 + 0 = \dots\dots\dots$$

$$9 + 0 = \dots\dots\dots$$

$$0 + 7 = \dots\dots\dots$$

$$0 + 2 = \dots\dots\dots$$

$$1 + 0 = \dots\dots\dots$$

$$\begin{array}{r} 14 \\ + 0 \\ \hline \dots\dots\dots \end{array}$$

$$\begin{array}{r} 10 \\ + 0 \\ \hline \dots\dots\dots \end{array}$$

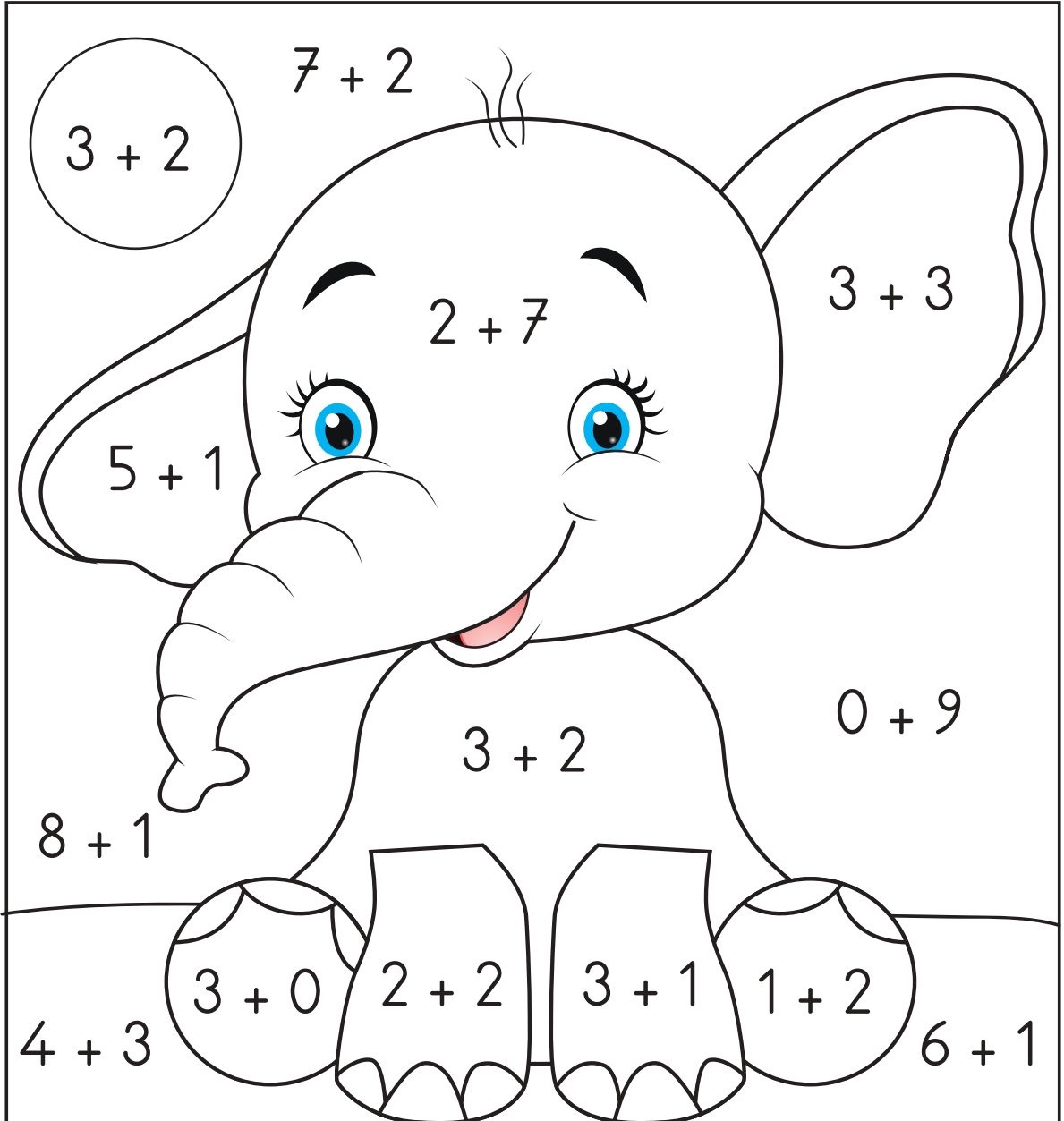
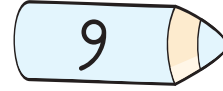
$$\begin{array}{r} 18 \\ + 0 \\ \hline \dots\dots\dots \end{array}$$

$$\begin{array}{r} 15 \\ + 0 \\ \hline \dots\dots\dots \end{array}$$

Toplama İşlemi



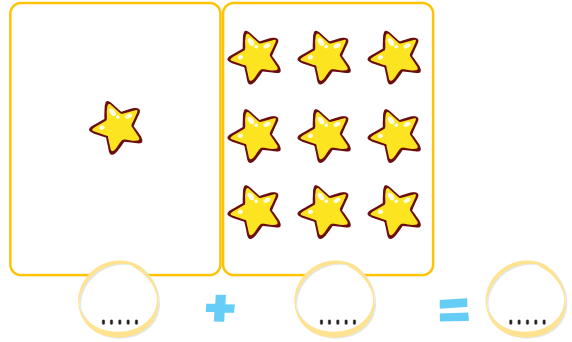
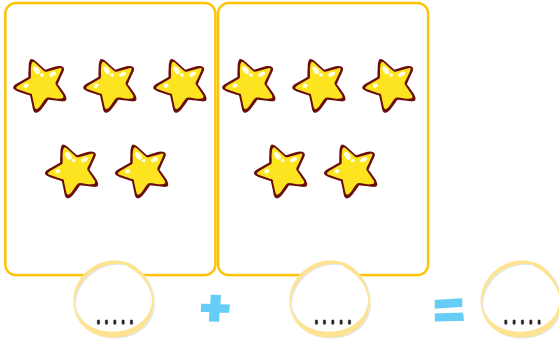
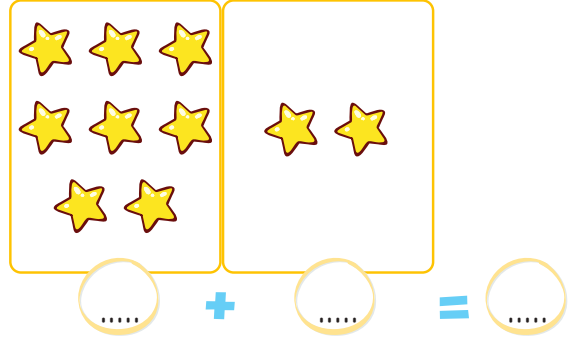
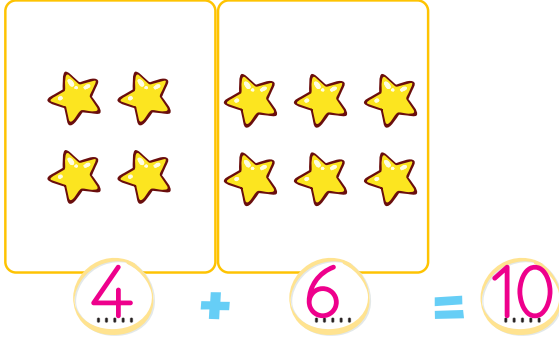
Toplama işlemlerini yapalım. Toplamları, verilen renklere göre uygun şekilde boyayalım.



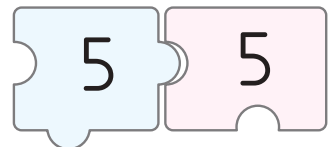
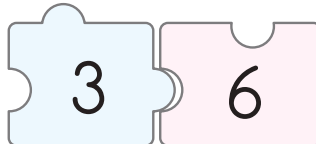
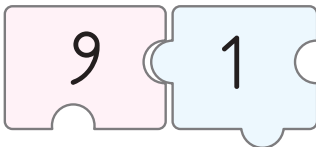
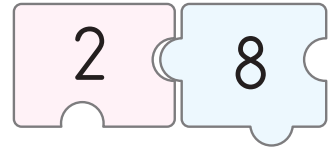
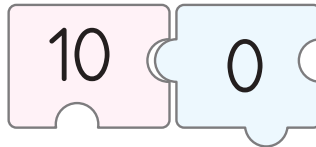
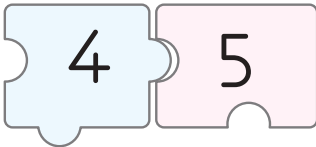
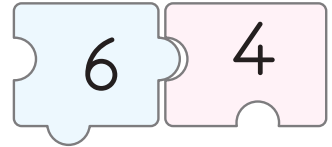
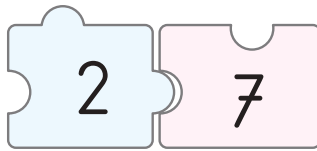
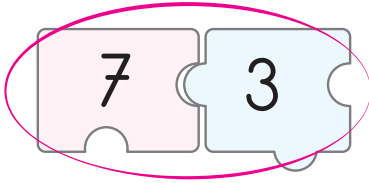
Toplamı 10 ve 20 Olan Sayılar



Modellenen toplama işlemlerini yapalım.



İçindeki sayıların toplamı 10 olan yapboz parçalarını yuvarlak içine alalım.



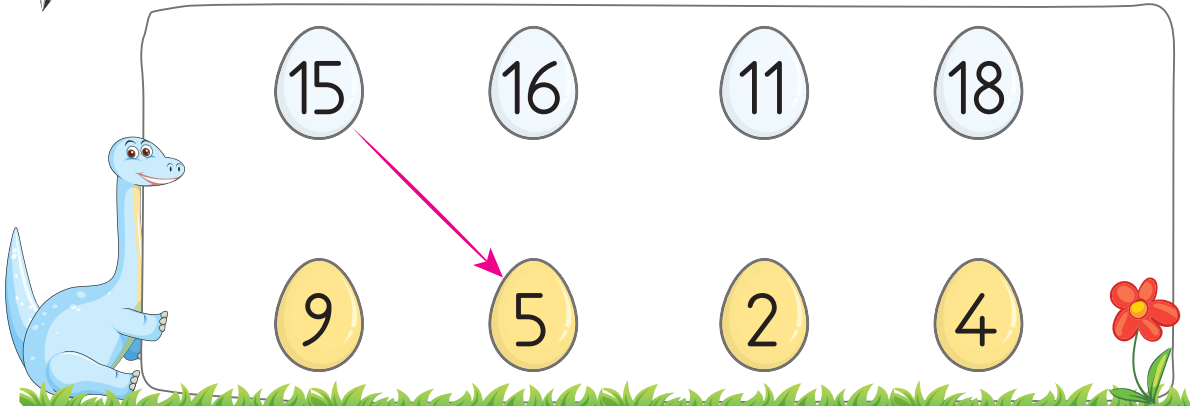
Toplamı 10 ve 20 Olan Sayılar



Toplama işlemlerini örnekteki gibi yapalım.



Toplamı 20 olan sayıları eşleştirelim.



Toplananların Yerlerini Değiştirelim



Toplama işlemlerini yapalım. Sonuçları inceleyelim.


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

.....


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

.....


$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$

.....


$$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$$

.....


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

.....


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

.....


$$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$$

.....

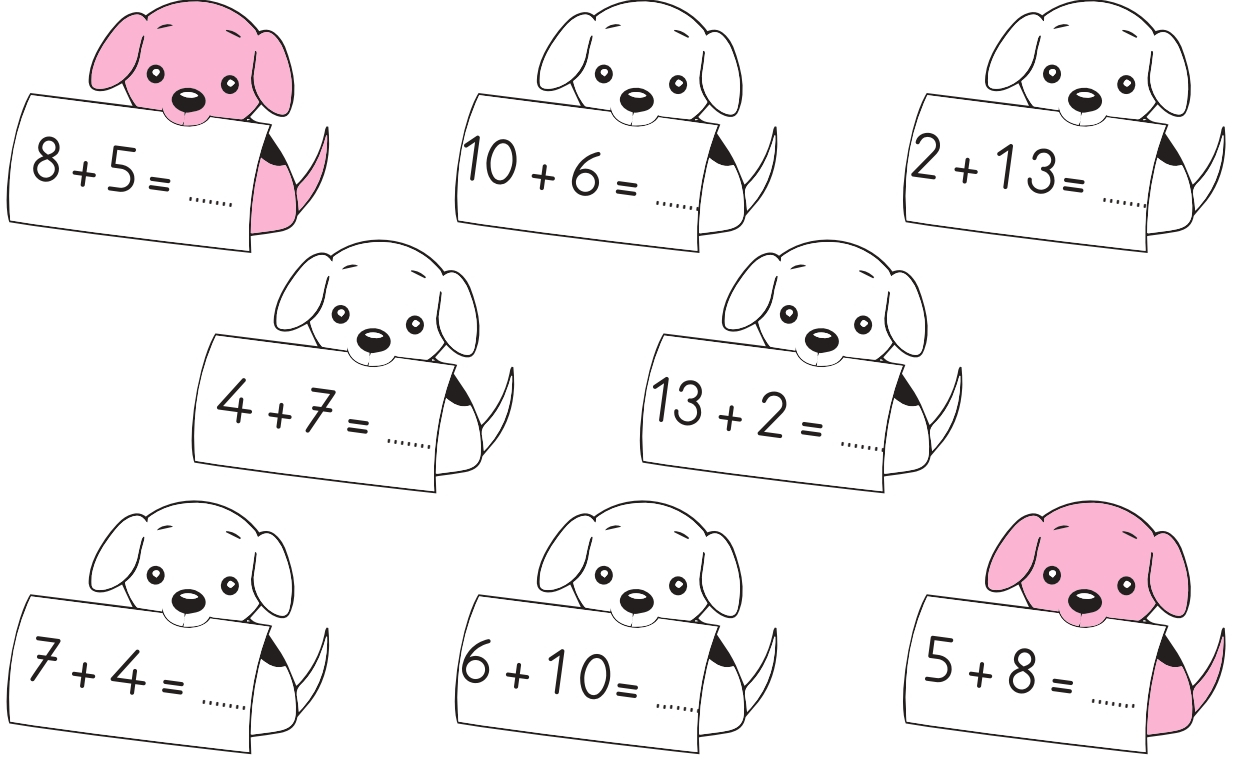

$$\begin{array}{r} 7 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$$

.....

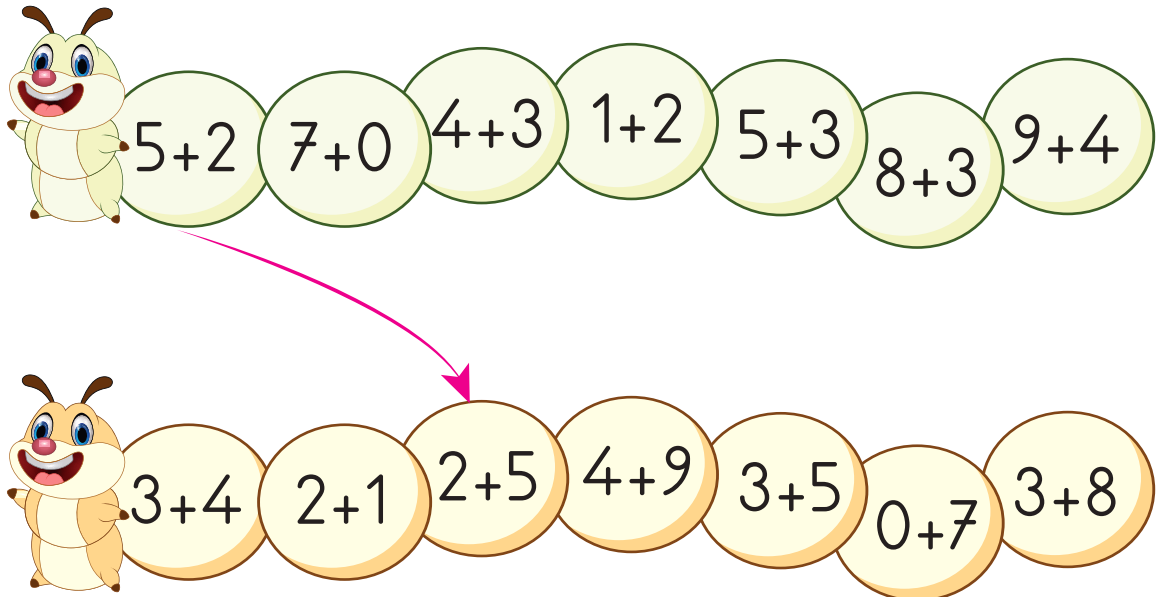
Toplananların Yerlerini Değiştirelim



Toplamları aynı olan işlemlerin köpeğini aynı renge boyayalım.



Toplamları aynı olan işlemleri eşleştirelim.



Toplananların Yerlerini Değiştirelim



Toplama işlemlerini yapalım. Toplananların yerlerini değiştirerek işlemleri yeniden yapalım.

$$2 + 1 = 3$$

$$1 + 2 = 3$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$$
$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array}$$

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

$$\begin{array}{r} 4 \\ + 8 \\ \hline 12 \end{array}$$
$$\begin{array}{r} 8 \\ + 4 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$$
$$\begin{array}{r} 5 \\ + 9 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$$
$$\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$$

$$6 + 2 = 8$$
$$2 + 6 = 8$$

$$10 + 4 = 14$$
$$4 + 10 = 14$$

$$5 + 3 = 8$$
$$3 + 5 = 8$$

$$4 + 7 = 11$$
$$7 + 4 = 11$$

$$2 + 5 = 7$$
$$5 + 2 = 7$$

$$1 + 7 = 8$$
$$7 + 1 = 8$$

Toplananların Yerlerini Değiştirelim



İşlemlerdeki eşitliğin sağlanabilmesi için noktalı yerleri doğru sayılarla tamamlayalım.

$$2 + 3 \quad \text{.....} + 2$$

$$4 + 8 \quad 8 + \text{.....}$$

$$5 + \text{.....} \quad 4 + 5$$

$$\text{.....} + 1 \quad 1 + 11$$

$$9 + 7 \quad \text{.....} + 9$$

$$6 + \text{.....} \quad 2 + 6$$



Toplamları eşit olan işlemleri eşleştirelim.

$$12 + 4$$

$$13 + 7$$

$$14 + 5$$

$$7 + 13$$

$$4 + 12$$

$$5 + 14$$

Çıkarma İşlemi



Aşağıdaki nesne gruplarından belirtilen sayı kadarını ayıralım. Geriye kalanların sayısını yazalım.

5

4

3

4

4

4

1

4

9

4

2

4

7

4

8

4

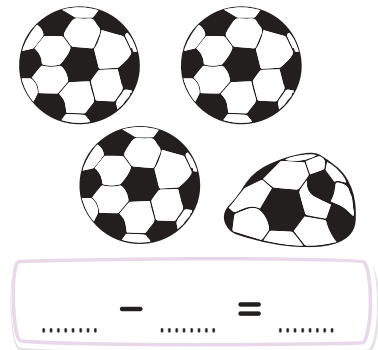
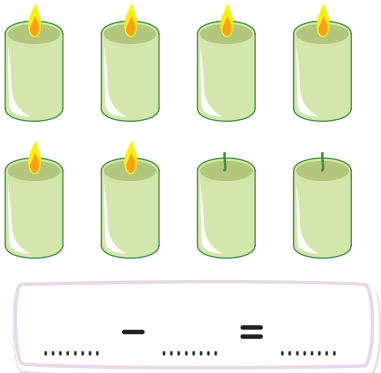
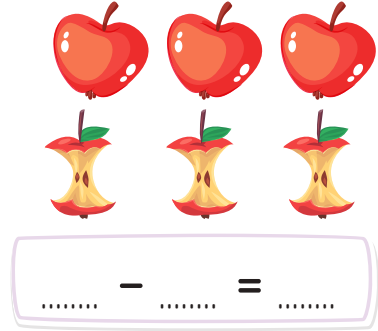
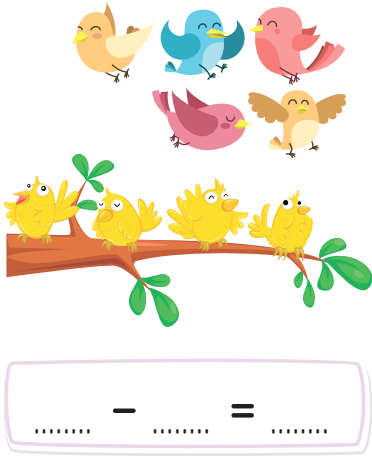
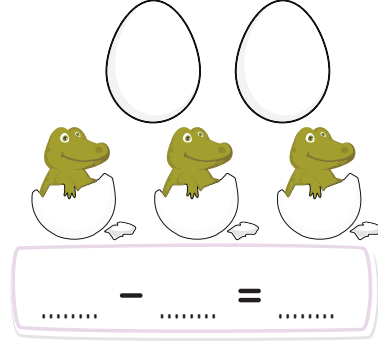
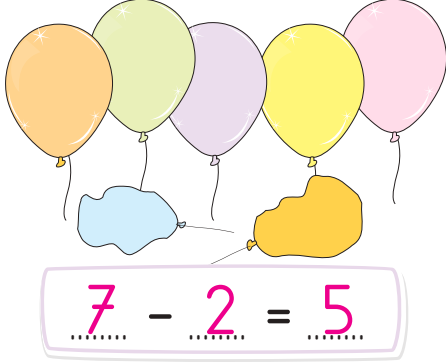
6

4

Çıkarma İşlemi



Görsellerle belirtilen çıkarma işlemlerini yapalım.



Çıkarma İşlemi



Taban blokları ile modellenen çıkarma işlemlerini yapalım.

15
- 3
= 12

15
- 3
= 12

15
- 3
= 12

15
- 3
= 12

15
- 3
= 12

15
- 3
= 12

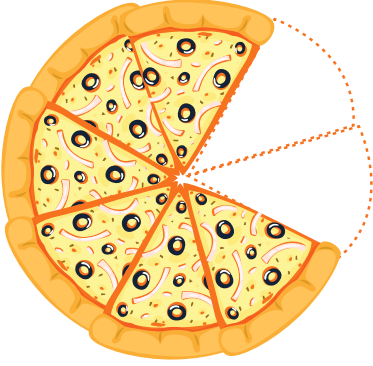
15
- 3
= 12

15
- 3
= 12

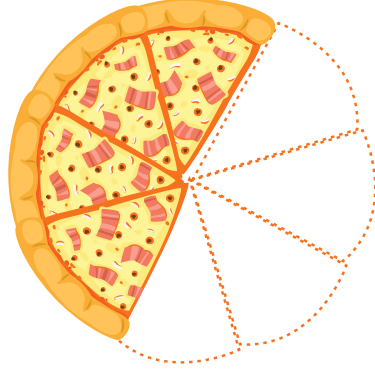
Çıkarma İşlemi



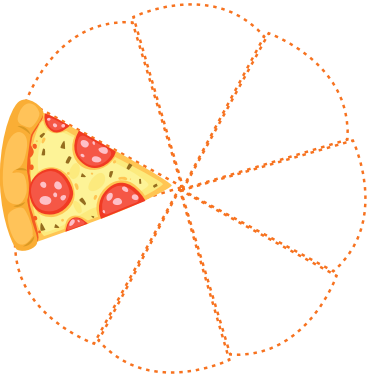
Modellenen çıkarma işlemlerini yapalım.



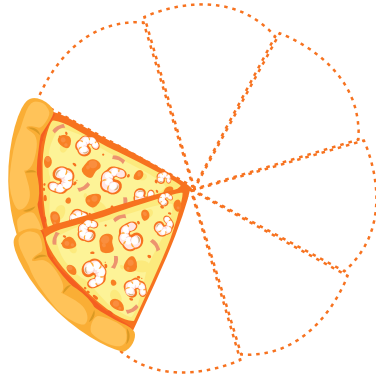
$$8 - 2 = 6$$



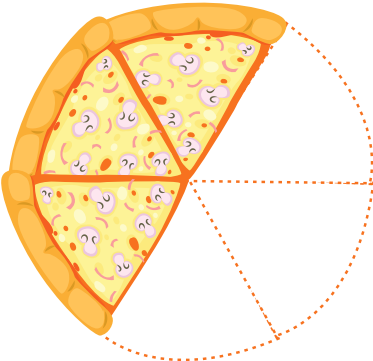
$$8 - 4 = \dots\dots\dots$$



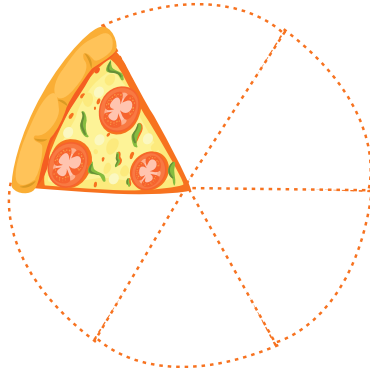
$$8 - 7 = \dots\dots\dots$$



$$8 - 6 = \dots\dots\dots$$



$$6 - 3 = \dots\dots\dots$$



$$6 - 5 = \dots\dots\dots$$

Çıkarma İşlemi



Aşağıdaki çıkarma işlemlerini yapalım.

$$10 - 2 = 8$$

$$8 - 5 = \dots\dots\dots$$

$$7 - 6 = \dots\dots\dots$$

$$12 - 3 = \dots\dots\dots$$

$$9 - 5 = \dots\dots\dots$$

$$6 - 1 = \dots\dots\dots$$

$$15 - 5 = \dots\dots\dots$$

$$11 - 4 = \dots\dots\dots$$

$$16 - 5 = \dots\dots\dots$$

$$13 - 2 = \dots\dots\dots$$

Çıkarma İşlemi



Aşağıdaki çıkarma işlemlerini yapalım. Sonuçları ile eşleştirelim.

$$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$$

$$7$$

$$6$$

$$5$$

$$9$$

$$2$$

$$10$$

$$1$$

$$8$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$$

Çıkarma İşlemi



Çıkarma işlemlerini yapalım. Sonucu aynı olan işlemleri eşleştirelim.

$$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$$

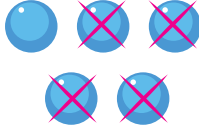
$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$$

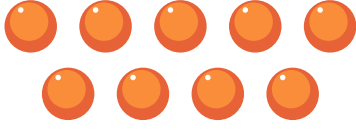
$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$



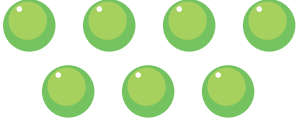
Aşağıdaki işlemleri örnekteki gibi yapalım.



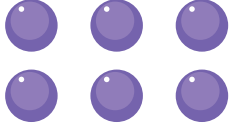
<u>Eksilen</u>	<u>Çıkan</u>	<u>Fark</u>
5	- 4	= 1



<u>Eksilen</u>	<u>Çıkan</u>	<u>Fark</u>
9	- 3	=



<u>Eksilen</u>	<u>Çıkan</u>	<u>Fark</u>
7	- 5	=

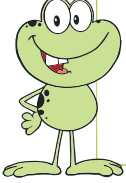


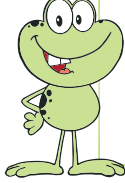
<u>Eksilen</u>	<u>Çıkan</u>	<u>Fark</u>
6	- 2	=

Çıkarma İşlemi

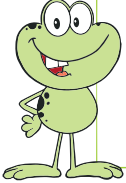


Çıkarma işlemlerini yapalım.


$$\begin{array}{r} 9 \\ - 3 \\ \hline \end{array}$$

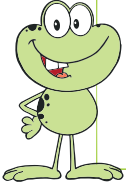

$$\begin{array}{r} 8 \\ - 4 \\ \hline \end{array}$$


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


$$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$$

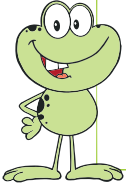

$$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$$


$$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$$


$$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$$


$$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$$


$$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$$


$$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$$

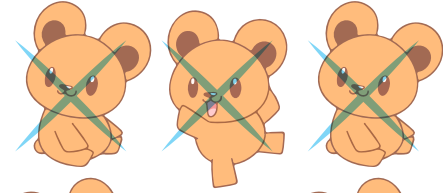

$$\begin{array}{r} 17 \\ - 6 \\ \hline \end{array}$$


$$\begin{array}{r} 16 \\ - 2 \\ \hline \end{array}$$

Farkı Sıfır (0) Olan Doğal Sayılar



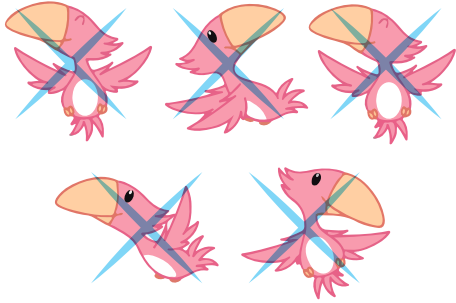
Aşağıda modellenen işlemleri yapalım.



$$6 - 6 = 0$$



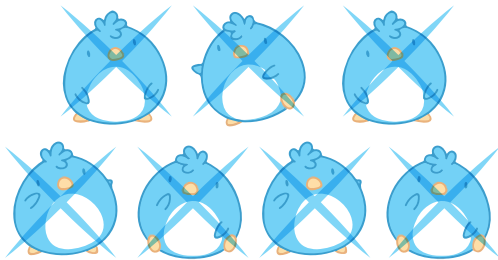
$$\square - \square = \square$$



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



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



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

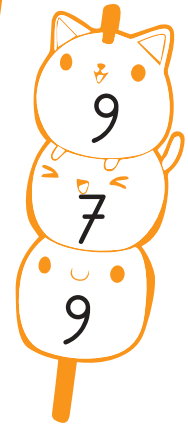
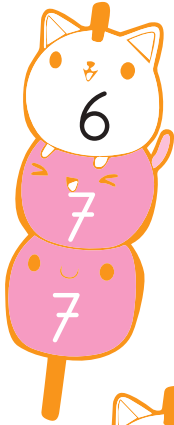


$$\square - \square = \square$$

Farkı Sıfır (0) Olan Doğal Sayılar



Farkı "0" olan doğal sayıları boyayalım.



Farkı "0" olan çıkarma işlemleri yazalım.

$$\begin{array}{c} \text{6} \\ \text{6} \end{array} - \begin{array}{c} \text{6} \\ \text{6} \end{array} = \begin{array}{c} \text{0} \\ \text{0} \end{array}$$

$$\begin{array}{c} \text{ } \\ \text{ } \end{array} - \begin{array}{c} \text{ } \\ \text{ } \end{array} = \begin{array}{c} \text{0} \\ \text{0} \end{array}$$

$$\begin{array}{c} \text{ } \\ \text{ } \end{array} - \begin{array}{c} \text{ } \\ \text{ } \end{array} = \begin{array}{c} \text{0} \\ \text{0} \end{array}$$

$$\begin{array}{c} \text{ } \\ \text{ } \end{array} - \begin{array}{c} \text{ } \\ \text{ } \end{array} = \begin{array}{c} \text{0} \\ \text{0} \end{array}$$

$$\begin{array}{c} \text{ } \\ \text{ } \end{array} - \begin{array}{c} \text{ } \\ \text{ } \end{array} = \begin{array}{c} \text{0} \\ \text{0} \end{array}$$

$$\begin{array}{c} \text{ } \\ \text{ } \end{array} - \begin{array}{c} \text{ } \\ \text{ } \end{array} = \begin{array}{c} \text{0} \\ \text{0} \end{array}$$