

TEKRARLI TOPLAMA ve ÇARPMA İŞLEMİ

- Eşit sayıları kısa yoldan toplama işlemine "çarpma" işlemi denir. Çarpılan sayılara "çarpan" sonucu da "çarpım" denir.

• $3 + 3 = 6$

2 tane 3 = 6

2 defa 3 = 6

2 kere 3 = 6

2 çarpı 3 = 6

$2 \times 3 = 6$
çarpan çarpan çarpım

• $2 + 2 + 2 + 2 + 2 = 10$

5 tane 2 = 10

5 defa 2 = 10

5 kere 2 = 10

5 çarpı 2 = 10

$5 \times 2 = 10$
çarpan çarpan çarpım

→ Aşağıdaki toplama işlemlerini çarpma işlemi olarak örnekteki gibi ifade edelim.

$2 + 2 + 2 + 2 = 8$

4 tane 2 = 8

4 kere 2 = 8

$4 \times 2 = 8$

$4 + 4 + 4 = 12$

3 defa 4 = 12

3 çarpı 4 = 12

$3 \times 4 = 12$

$3 + 3 + 3 + 3 + 3 = 15$

5 tane 3 = 15

5 çarpı 3 = 15

$5 \times 3 = 15$

$5 + 5 = 10$

2 defa 5 = 10

2 kere 5 = 10

$2 \times 5 = 10$

$1 + 1 + 1 + 1 + 1 + 1 = 6$

6 tane 1 = 6

6 çarpı 1 = 6

$6 \times 1 = 6$

$2 + 2 + 2 + 2 + 2 + 2 = 12$

6 tane 2 = 12


6 defa 2 = 12

$6 \times 2 = 12$


@sınıftaki_yasam

TEKRARLI TOPLAMA ve ÇARPMA İŞLEMİ

→ Aşağıdaki işlemleri örnekteki gibi yapalım.



$$3 + 3 + 3 + 3 = 12$$

4 tane 3 = 12
4 çarpı 3 = 12
 $4 \times 3 = 12$



$$5 + 5 + 5 = 15$$

3 kere 5 = 15
3 defa 5 = 15
 $3 \times 5 = 15$


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$$4 + 4 + 4 + 4 + 4 = 20$$


5 tane 4 = 20
5 kere 4 = 20
 $5 \times 4 = 20$


$$4 + 4 + 4 + 4 = 16$$



4 defa 4 = 16
4 çarpı 4 = 16
 $4 \times 4 = 16$


$$2 + 2 = 4$$



2 tane 2 = 4
2 çarpı 2 = 4
 $2 \times 2 = 4$


$$3 + 3 + 3 = 9$$

3 tane 3 = 9
3 defa 3 = 9
 $3 \times 3 = 9$


$$4 + 4 + 4 + 4 + 4 + 4 + 4 = 28$$

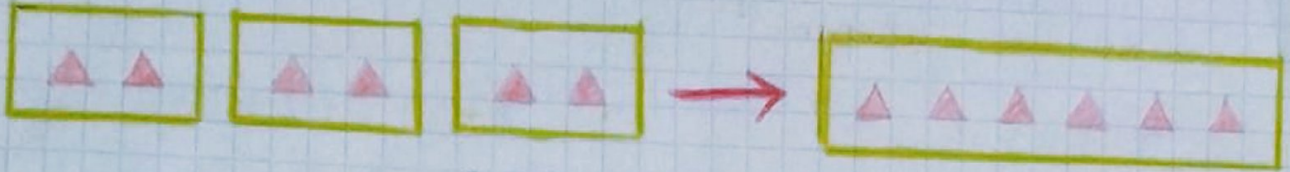
7 kere 4 = 28
7 defa 4 = 28
 $7 \times 4 = 28$


$$3 + 3 + 3 + 3 + 3 + 3 = 18$$

6 tane 3 = 18
6 çarpı 3 = 18
 $6 \times 3 = 18$

TEKRARLI TOPLAMA ve ÇARPMA İŞLEMİ

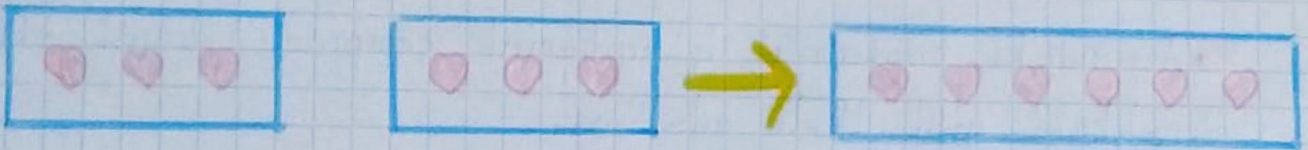
Aşağıdaki çarpma işlemlerinde noktalı yerlere uygun sayıları örnekteki gibi yazalım.



$$\begin{aligned} 2+2+2 &= 6 \\ 3 \times 2 &= 6 \end{aligned}$$

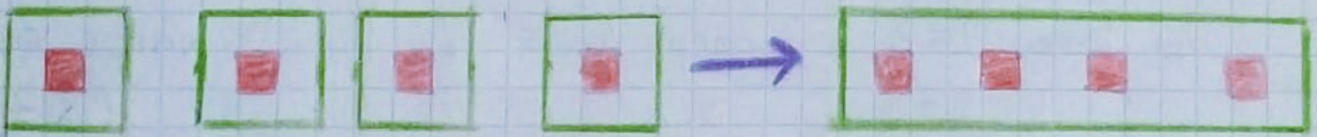


$$\begin{aligned} 2+2 &= 4 \\ 2 \times 2 &= 4 \end{aligned}$$

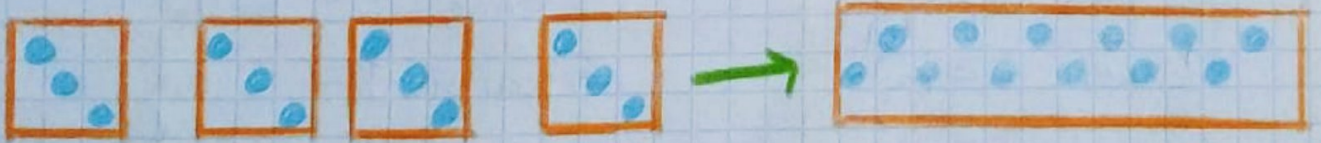


$$\begin{aligned} 3+3 &= 6 \\ 2 \times 3 &= 6 \end{aligned}$$

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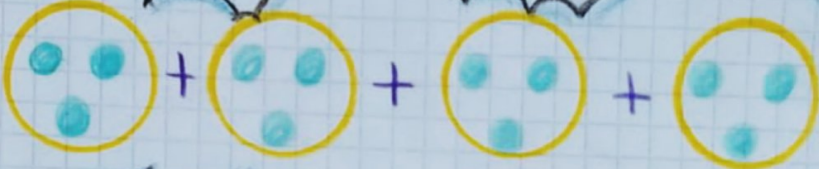


$$\begin{aligned} 1+1+1+1 &= 4 \\ 4 \times 1 &= 4 \end{aligned}$$



$$\begin{aligned} 3+3+3+3 &= 12 \\ 4 \times 3 &= 12 \end{aligned}$$

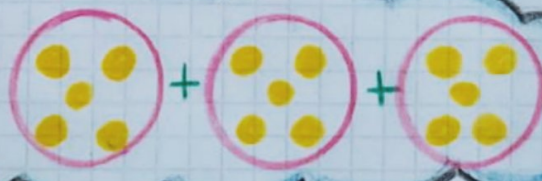
$5 \times 4 =$ 


$4 \times 3 =$ 

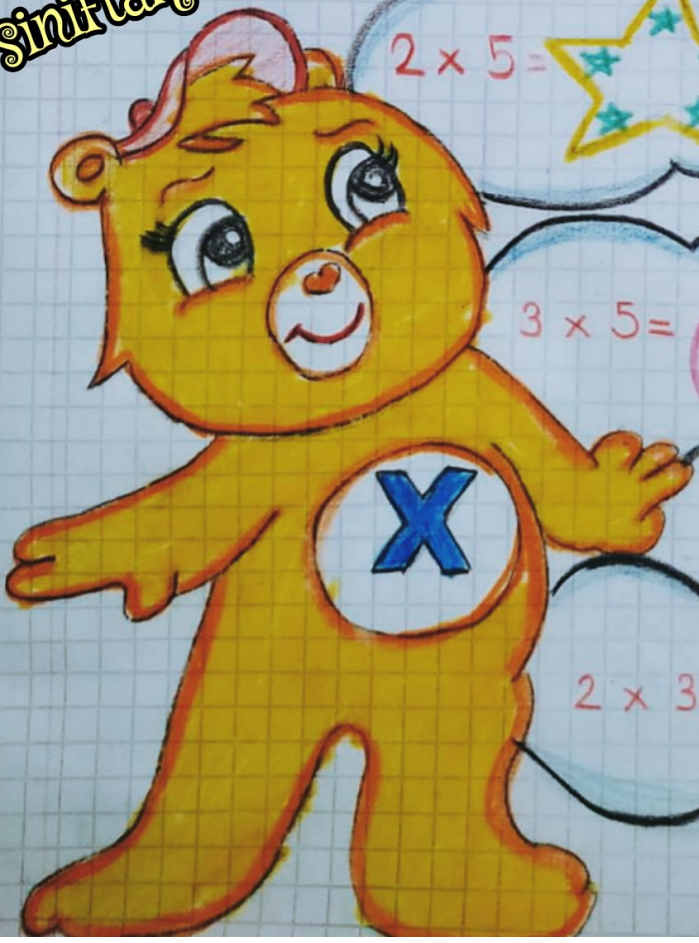
$6 \times 5 =$ 

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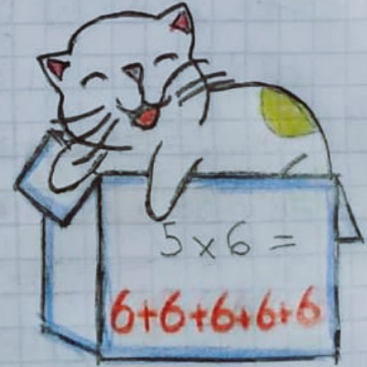
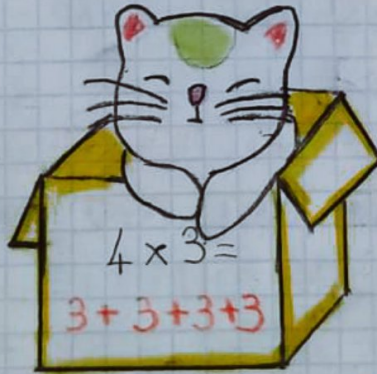
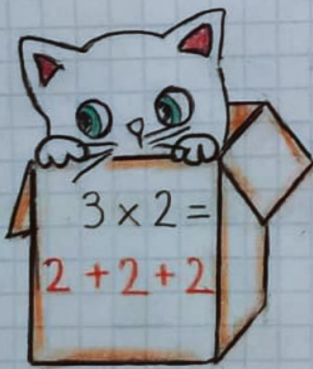
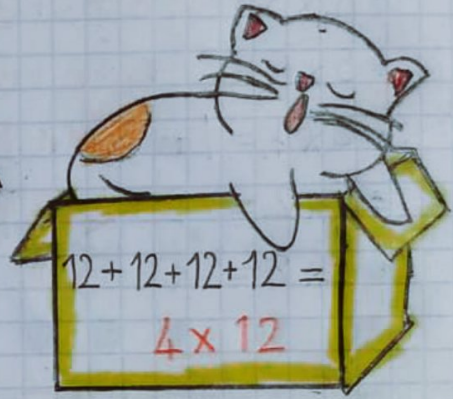
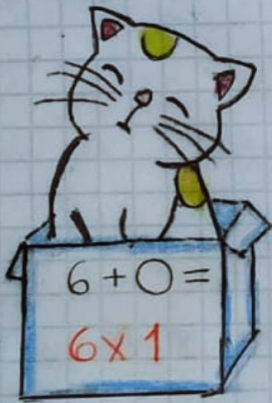
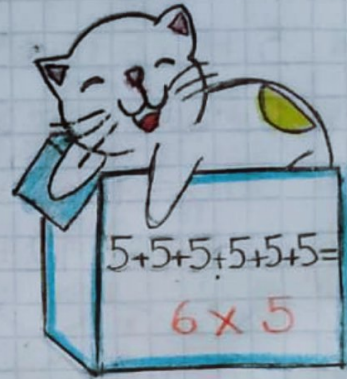
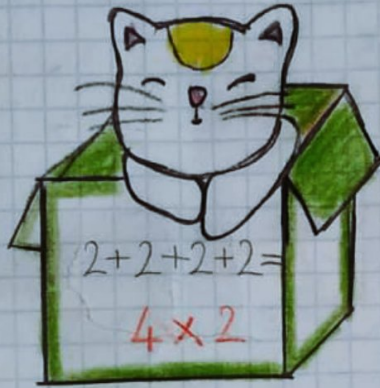
$2 \times 5 =$ 

$3 \times 5 =$ 

$2 \times 3 =$ 



ÇARPMA ve TOPLAMA İŞLEMİ



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