# Multiplications ( × )

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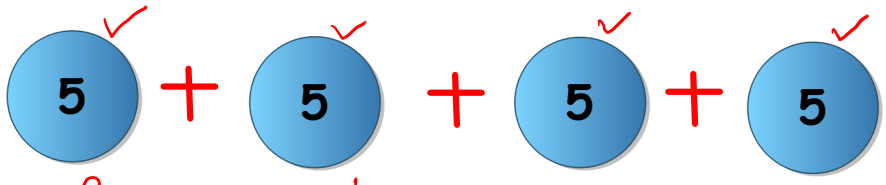
## The repeated addition of groups of equal sizes




Repeating times = 4

5 is repeating 4 times →

$5 + 5 + 5 + 5 = \boxed{20 = 5 \times 4}$

Multiply

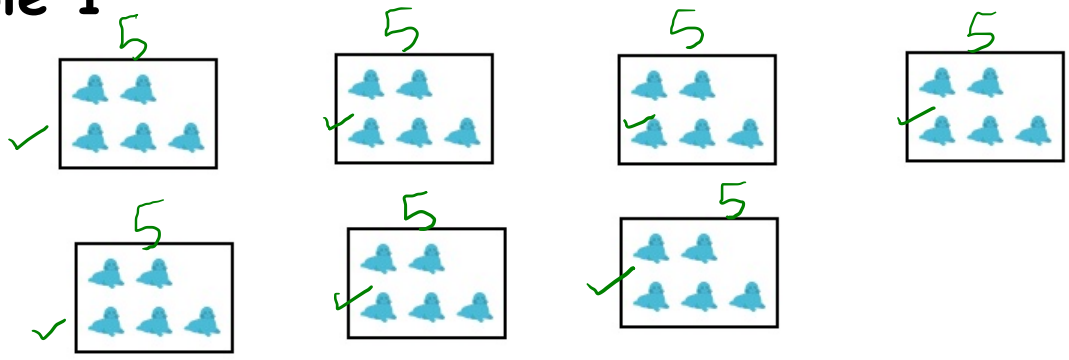
**Similarly**

$3 + 3 + 3 + 3 + 3 =$ 5 groups of 3

'or' 5 times 3

$= \boxed{15}$

## Example 1




7 groups of 5

7 times 5 is repeating

Total = $5+5+5+5+5+5+5 = 5 \times 7$

$= 35$

## Example 2

$3 \times 4 = 4+4+4 = 12$

# solve the following

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3x4=____

2x5=____

5x4=____

6x7=____

4x6=____

7x2=____

8x4=____

9x3=____

7x7=____

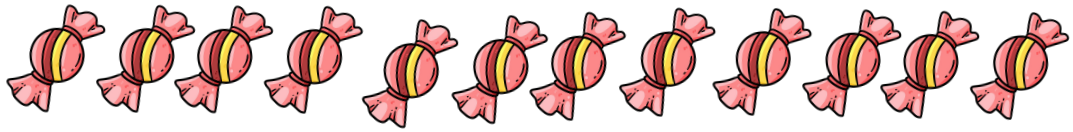
10x5=____

2x6=____

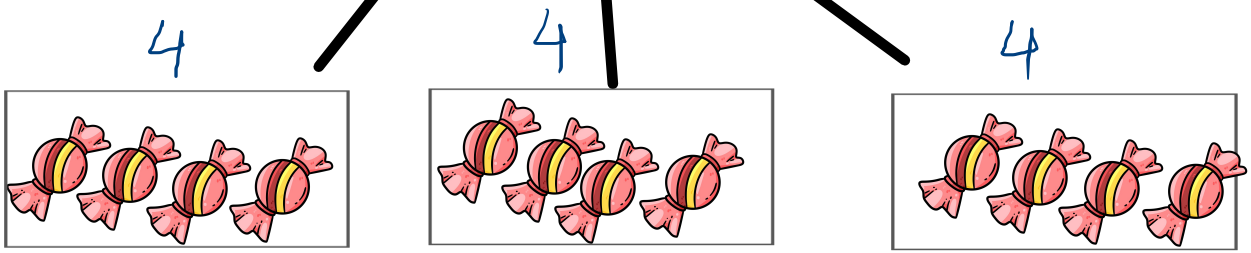
| * | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 2 | | | | | | 10 | 12 | | | | |
| 3 | | | | | 12 | | | | | | |
| 4 | | | | | | | 24 | | | | |
| 5 | | | | | 20 | | | | | | |
| 6 | | | | | | | | 42 | | | |
| 7 | | | 14 | | | | | 49 | | | |
| 8 | | | | | 32 | | | | | | |
| 9 | | | | 27 | | | | | | | |
| 10 | | | | | | 50 | | | | | |

# Division ( ÷ )

**A process of splitting amount into equal parts**



12

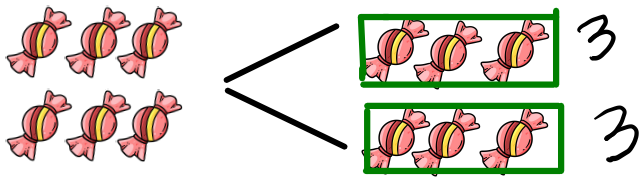



3 boxes

Divide 12 into 3 groups = 4

$12 \div 3 = 4$

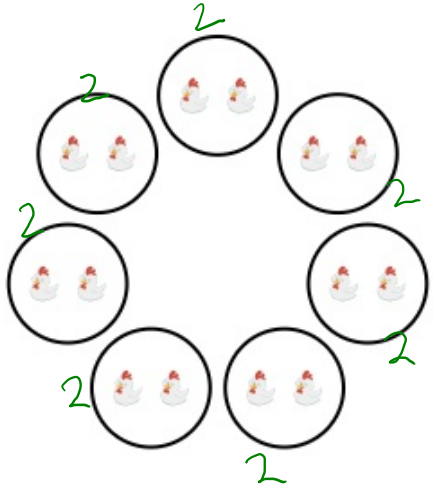
**Example:** $6 \div 2 = ?$




$6 \div 2 = 3$

## Example 3

There are 14 hens divided evenly in 7 chicken coops.




$14 \div 7 = 2$

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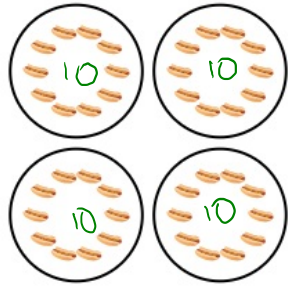
Also

$2+2+2+2+2+2+2$

$2 \times 7 = 14$

## Example 4

There are 40 hot dogs divided evenly into 4 packs.




$40 \div 4 = 10$

$10+10+10+10 = 40$

$10 \times 4 = 40$

# solve the following

10 ÷ 5= ____

8 ÷ 4= ____

6 ÷ 3= ____

6 ÷ 6= ____

8 ÷2= ____

12 ÷4= ____

9 ÷3= ____

7 ÷7= ____

10 ÷2= ____

12 ÷6= ____

| / | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | 20 | | | 10 | | | | | | |
| 7 | | | | | | | | 10 | | | | | |
| 8 | | | | | 20 | | | | | | | | |
| 9 | | | | 30 | | | | | | | | | |
| 10 | | | 50 | | | 20 | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | 30 | | 20 | | | | | | |

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