OGUN DIGICLASS

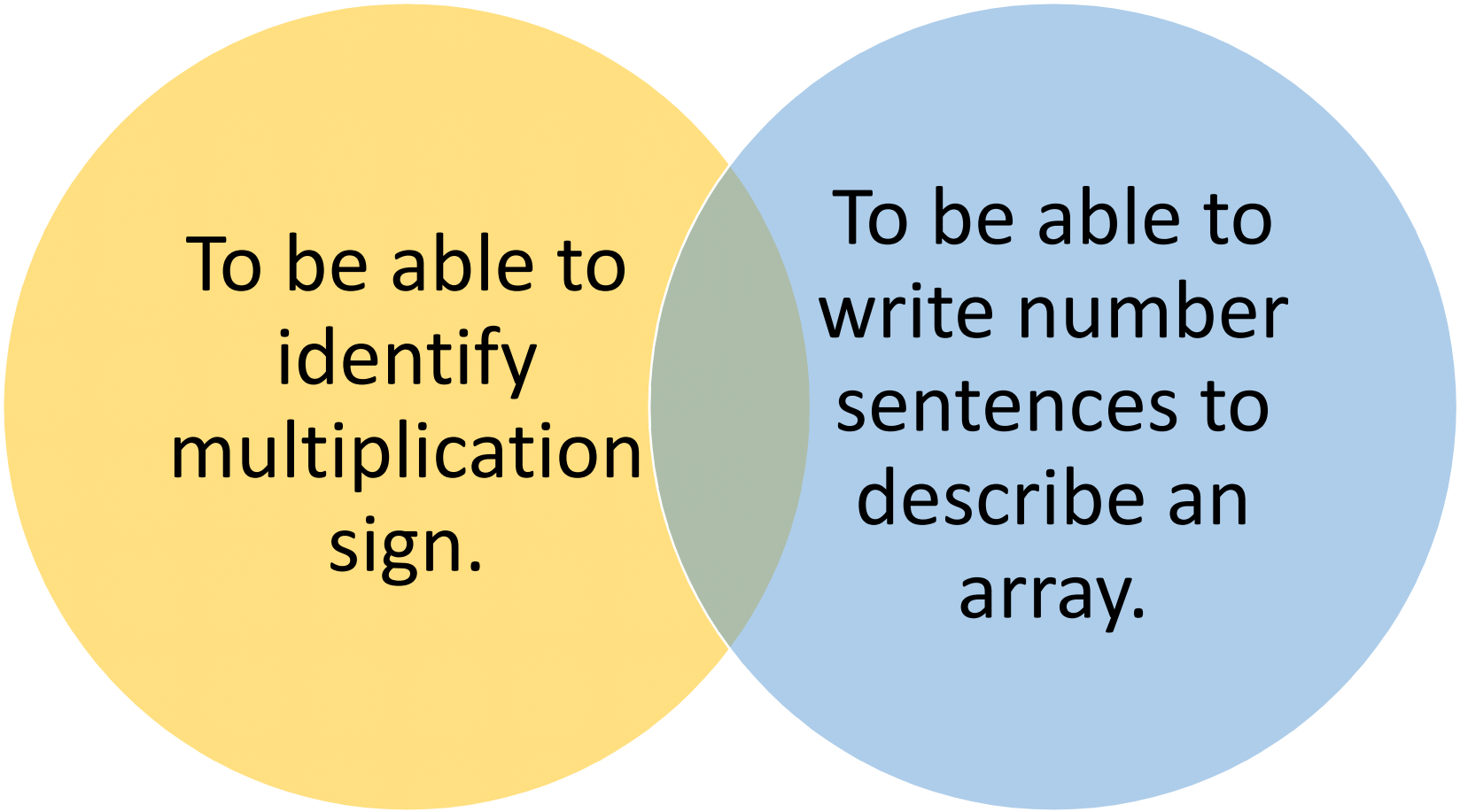
CLASS: PRIMARY SCHOOL

SUBJECT: MATHEMATICS

TOPIC: MULTIPLICATION

SUB-TOPIC: Multiplication of Numbers

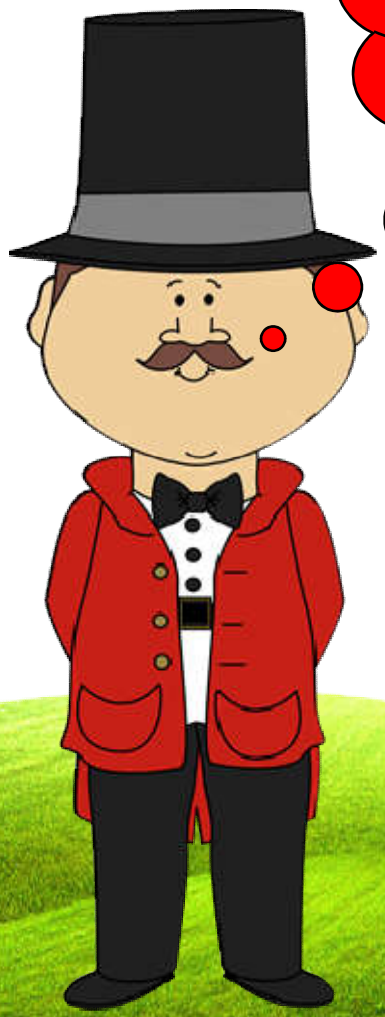
Learning Objectives



Let's start with our Starter

The more we learn together,
together, together.
The more we learn together.
The happier we shall be.


Today we will learn how to solve multiplication problems using the array method!



Let's see all the words we need to use when solving multiplication problems.

groups of

Times

multiply

Sets of

What Math symbols do you think we will be using today for multiplication? Point!

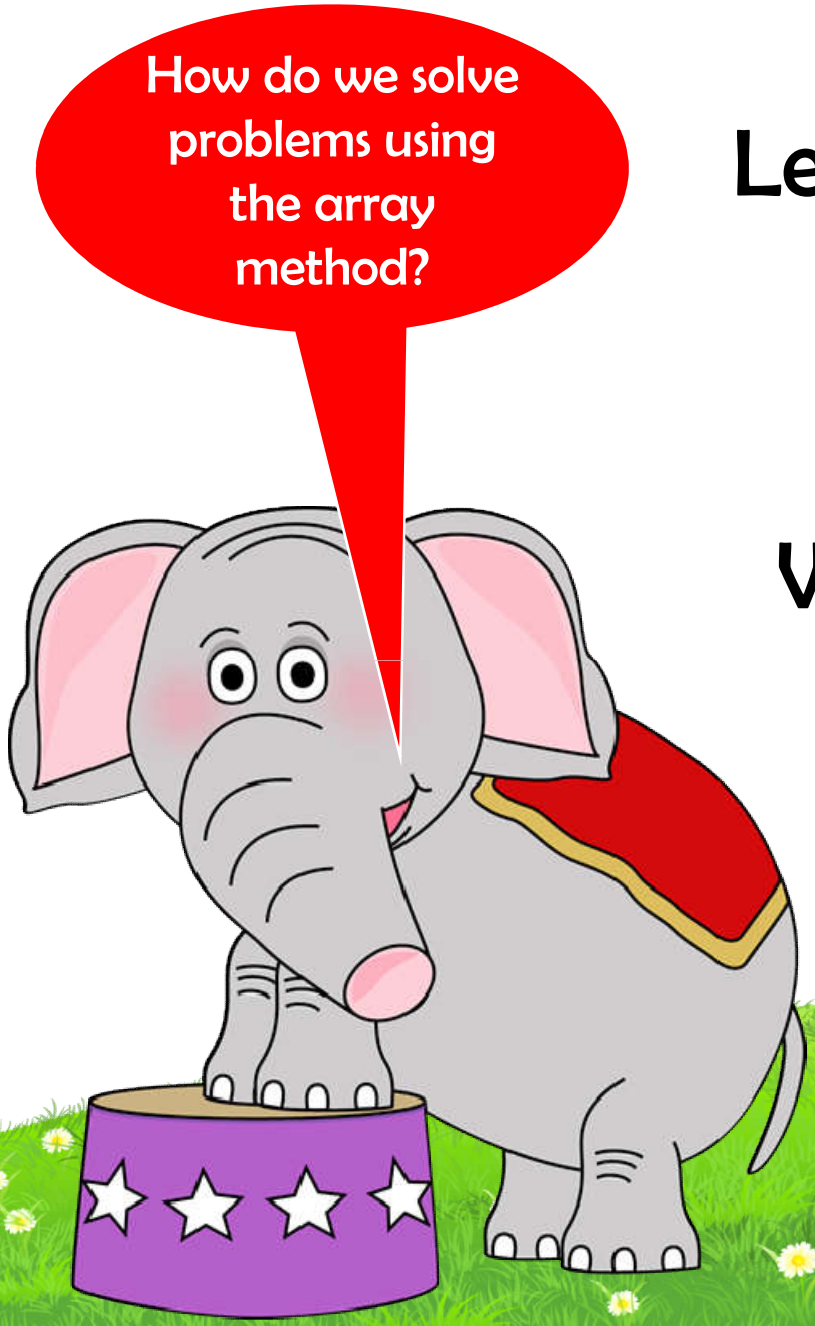
=

+

-

÷

X



Let's try and solve this...

$2 \times 3 = ?$

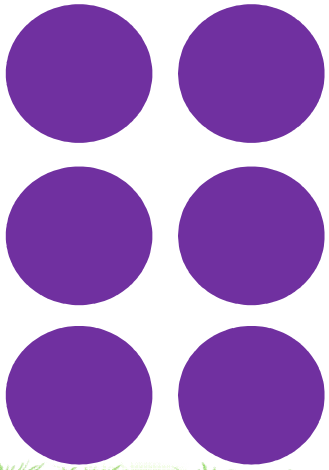
What is the first number?

2

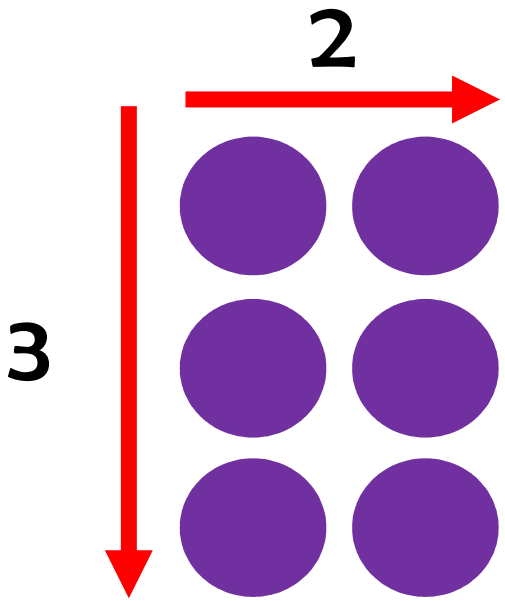
We draw 2 circles.

Now what is the second number? 3

So draw circles at the bottom to have 3 groups of 2.



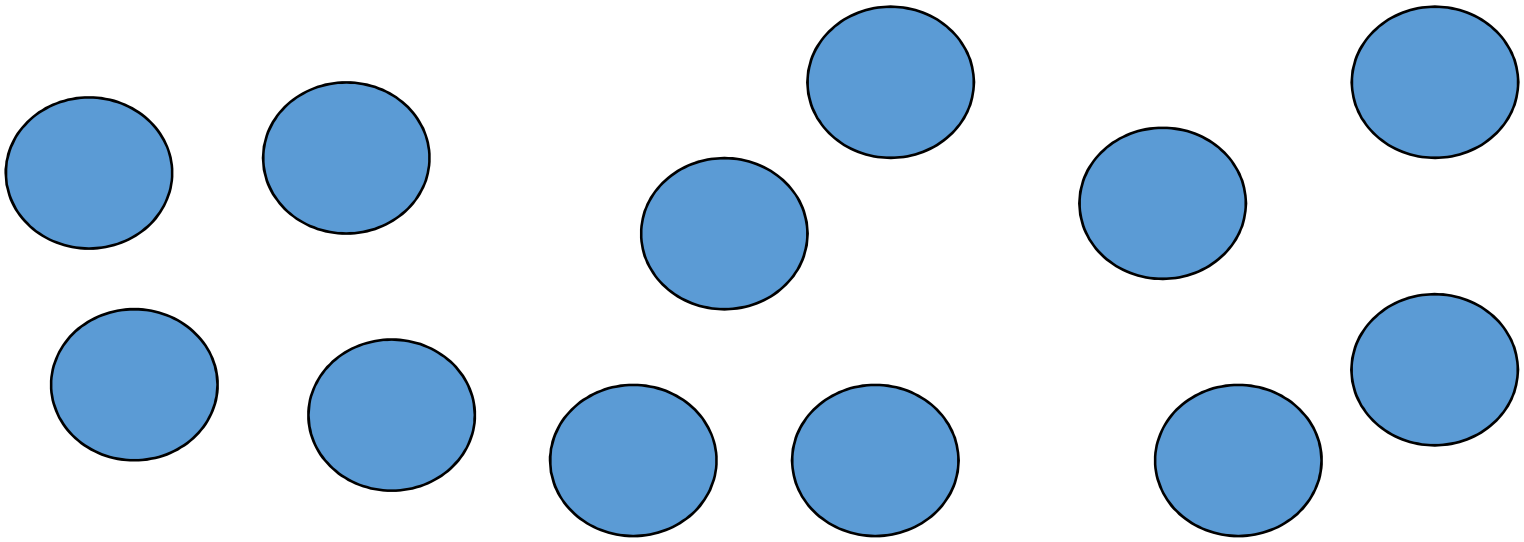
Remember to draw the circles carefully!



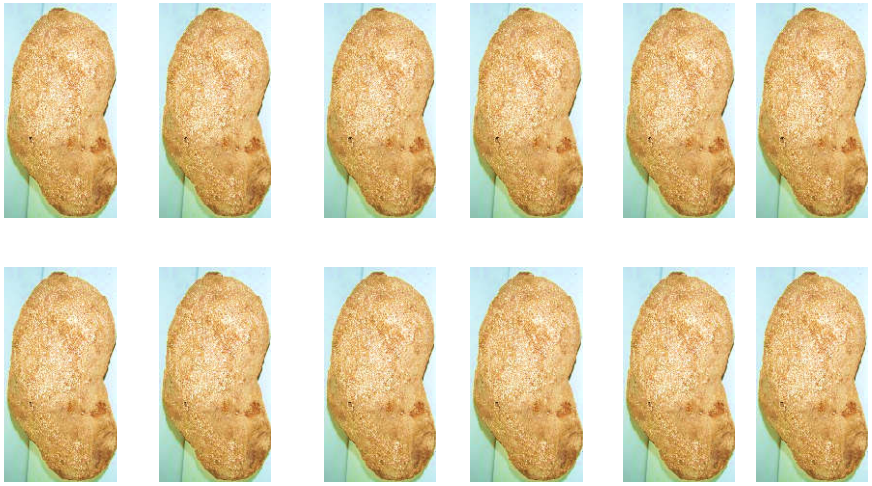
2 x 3 = ___

Now add all the circles together to find the answer! 6

I have 12 counters.



How could I arrange them into equal rows?



What number sentences could you write to go with this array?

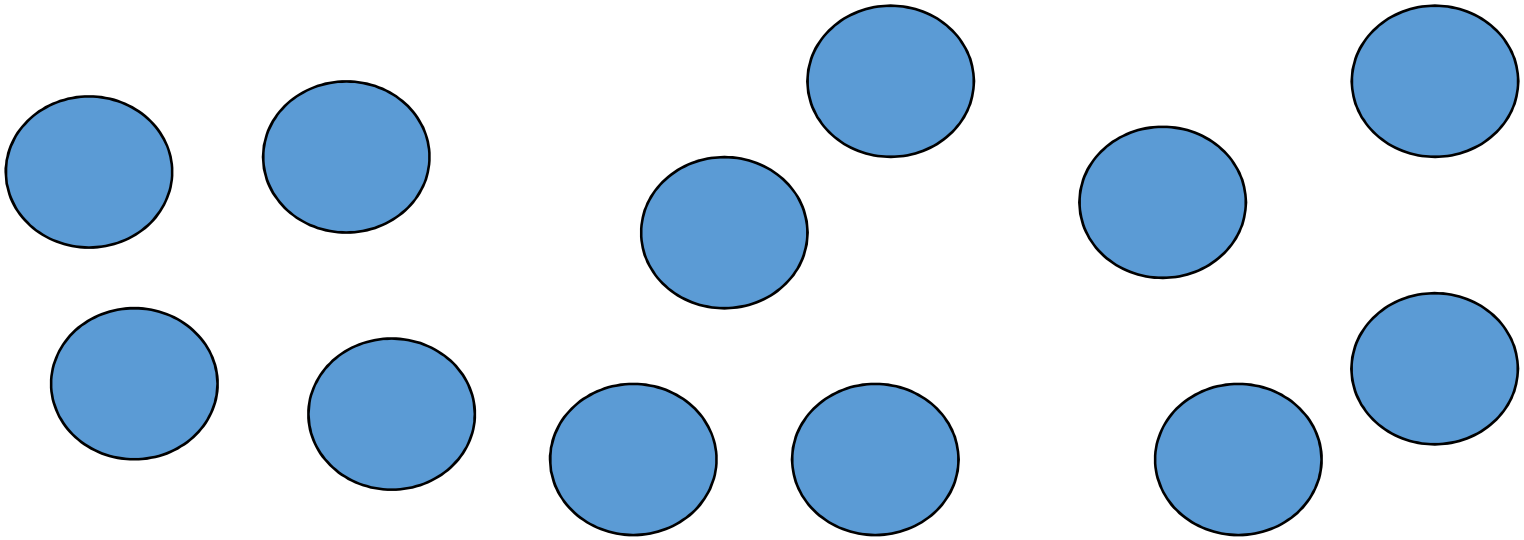
2 x 6 = 12

6 x 2 = 12

6 + 6 = 12

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

Can you think of any other ways to arrange the counters?



What number sentences could you write to go with this array?

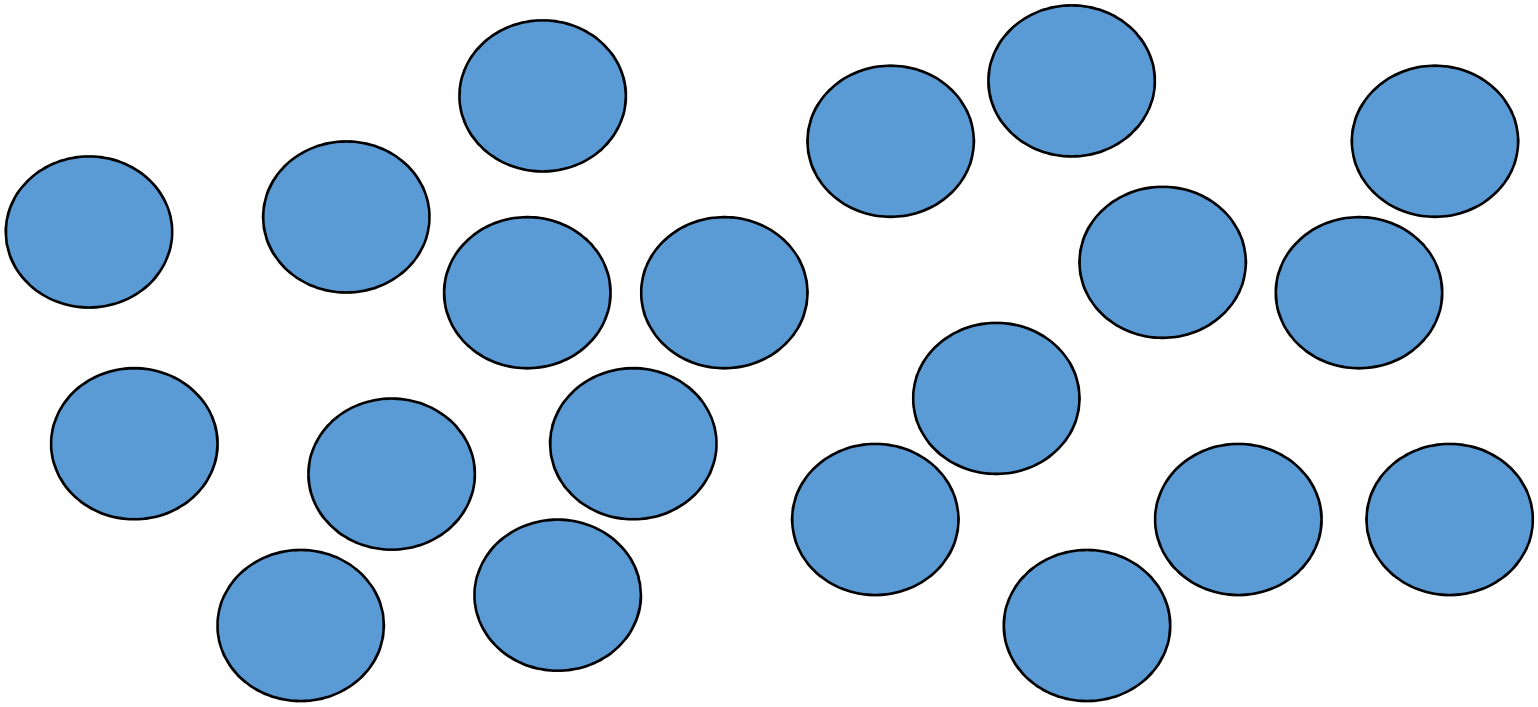
3 x 4 = 12

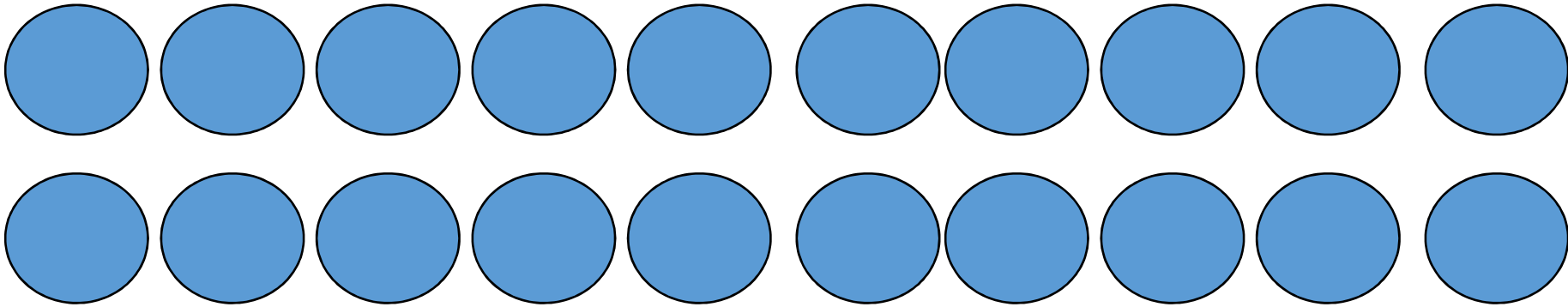
4 x 3 = 12

4 + 4 + 4 = 12

3 + 3 + 3 + 3 = 12

Could you arrange 20 counters?





What number sentences could you write to go with this array?

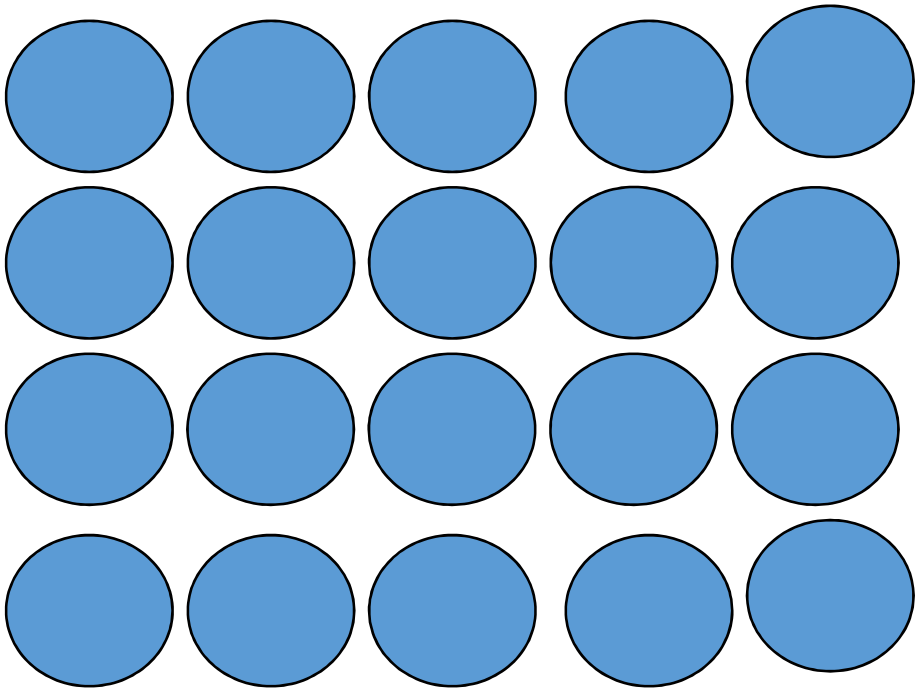
2 x 10 = 20

10 x 2 = 20

10 + 10 = 20

2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 20

OR ...



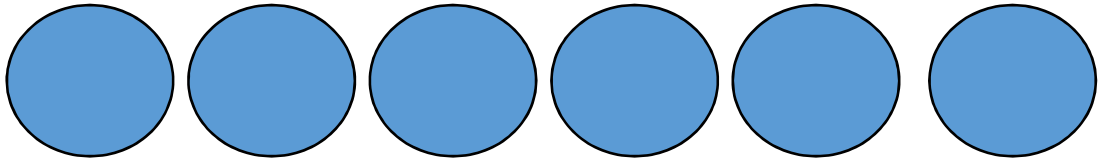
$5 \times 4 = 20$

$4 \times 5 = 20$

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

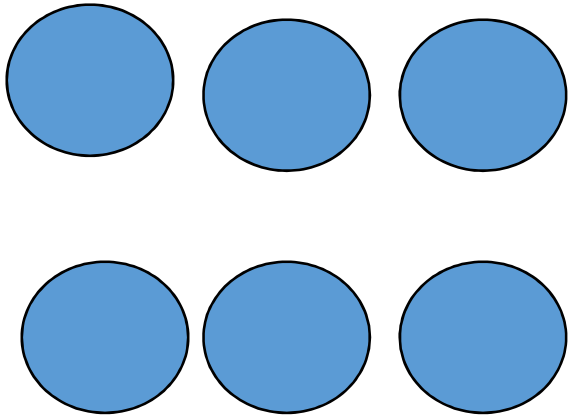
$5 + 5 + 5 + 5 = 20$

Now do this on your own

6 counters 

15 counters

6 counters



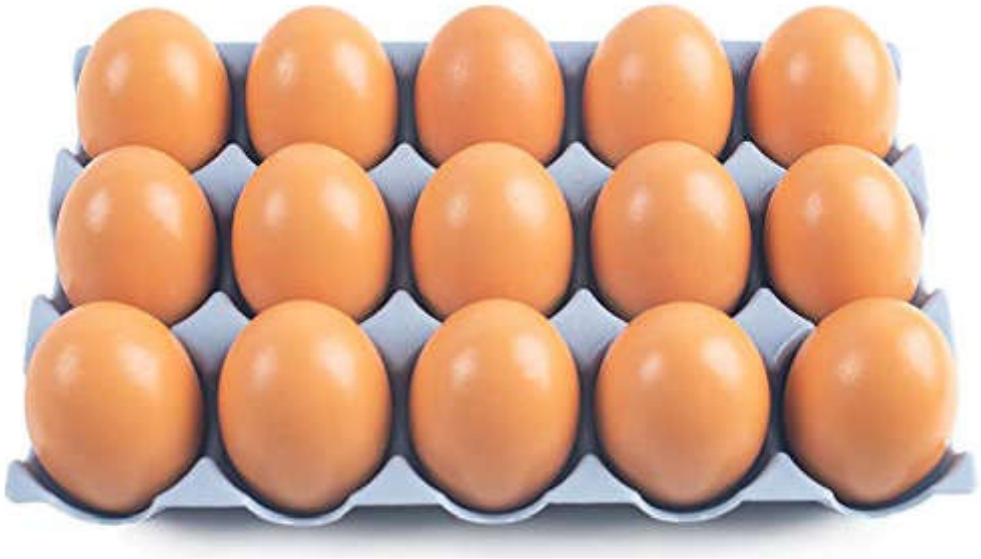
$2 \times 3 = 6$

$3 \times 2 = 6$

$3 + 3 = 6$

$2 + 2 + 2 = 6$

15 counters



$5 \times 3 = 15$

$3 \times 5 = 15$

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

$5 + 5 + 5 = 15$

Let's have a go!

Further Practice

$$12 \times 5 = \_\_\_$$

Draw your working out in this box!

$15 \times 3 = \_\_\_$

Draw your working out in this box!

$13 \times 4 = \_\_\_$

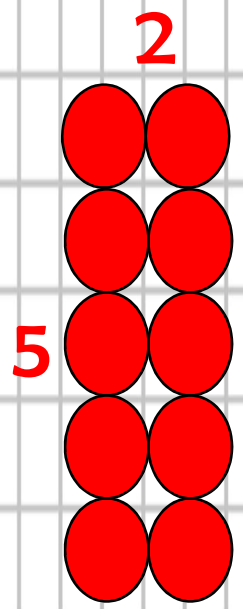
Draw your working out in this box!

$$2+2+2+2+2= [\ \ ]\times 2$$

Draw your working out in this box!

Assignment

1. 2 x 5 = ____

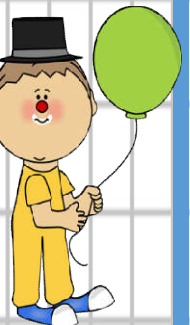


2. 2 x 3 = ____

3. 3 x 4 = ____

4. 3 x 5 = ____

5. 3 x 6 = ____



1. 5 dogs have ( )×( )= ( )legs

2. 4 tables have ( )×( )= ( ) legs.

3. Father and Mother have ( )× ( )= ( ) hands

4. 6 birds have ( )×( )= ( )wings.