

11.1.21

Blue – Multiply by 4

True or False ?

Multiply by 4.

$$3 \times 2 + 3 \times 2 = 3 \times 4$$

True or False ?

Multiply by 4.

True

$$3 \times 2 + 3 \times 2 = 12$$

$$3 \times 4 = 12$$





MULTIPLY BY 4



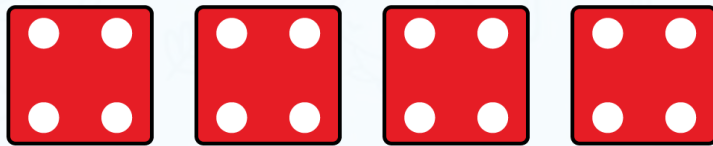
White
Rose
Maths

If you have problems watching this video please find the video file with today's activities.

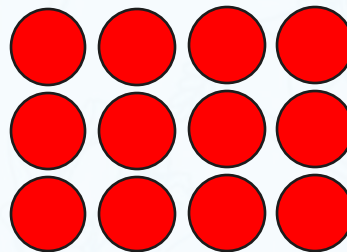
1) How many pencils?



2) How many spots?



3) Here is an array.



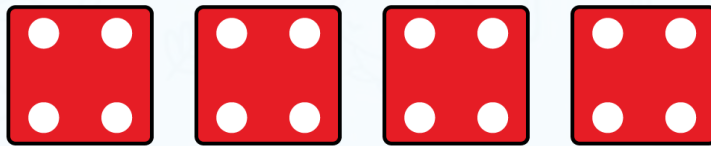
How many groups of 4 are there?

1) How many pencils?



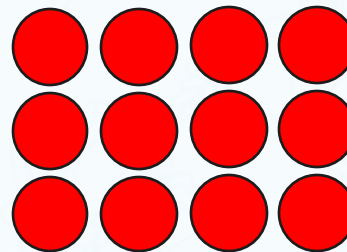
20

2) How many spots?



16

3) Here is an array.



How many groups of 4 are there?

3

What do you see?



There are ____ equal groups of ____

$$\square + \square + \square = \square$$

$$\square \times \square = \square$$

$$\square \times \square = \square$$

What do you see?



There are 3 equal groups of 4

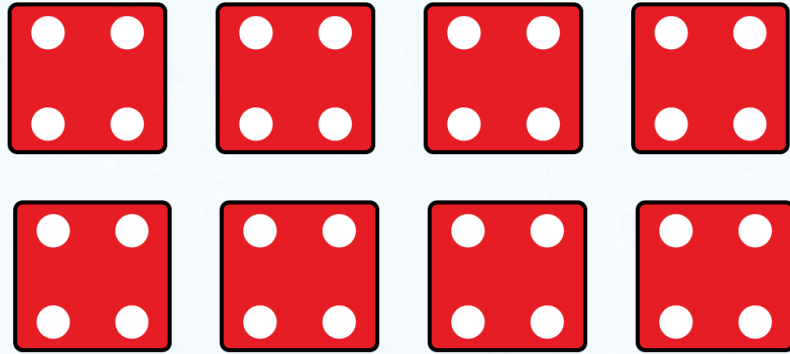
$$\boxed{4} + \boxed{4} + \boxed{4} = \boxed{12}$$

$$\boxed{3} \times \boxed{4} = \boxed{12}$$

$$\boxed{4} \times \boxed{3} = \boxed{12}$$

What do you see?

Have a think

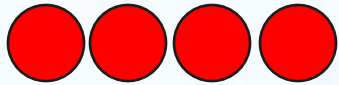


8 groups of 4 spots

$$4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 = 32$$

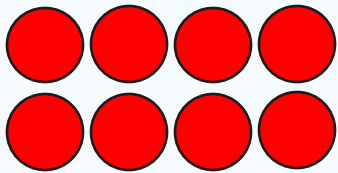
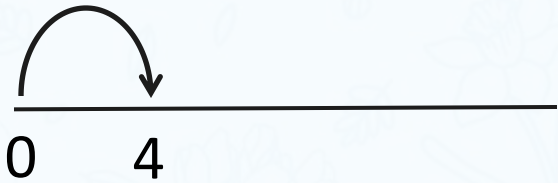
$$8 \times 4 = 32$$

$$4 \times 8 = 32$$



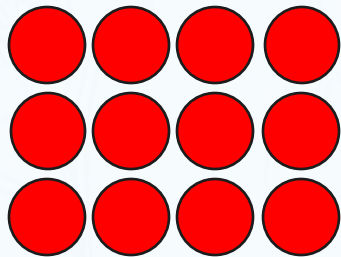
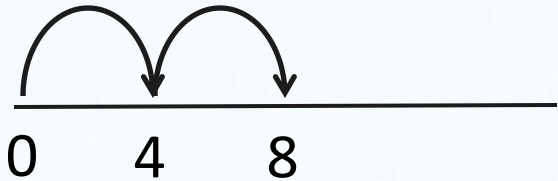
$$1 \times 4 = 4$$

$$4 \times 1 = 4$$



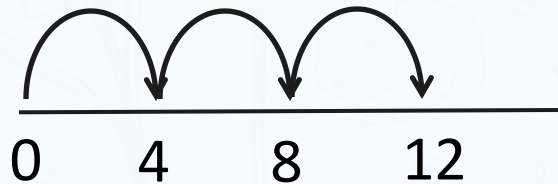
$$2 \times 4 = 8$$

$$4 \times 2 = 8$$



$$3 \times 4 = 12$$

$$4 \times 3 = 12$$



Draw a picture to represent each number story.

$$2 \times 4 = 8 \quad \text{or} \quad 4 \times 2 = 8$$

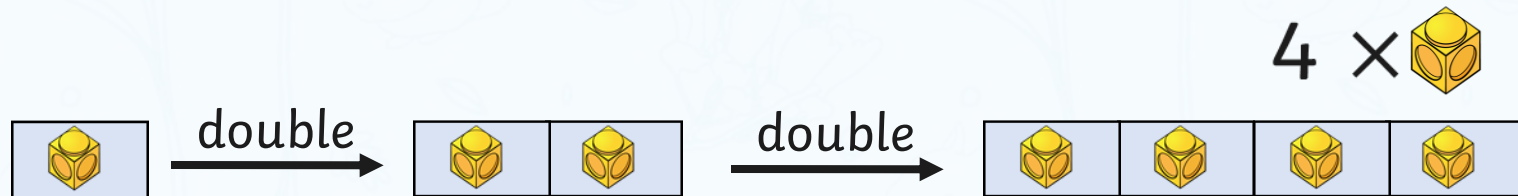
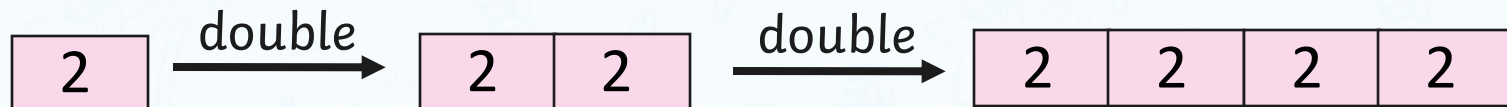
Amir has 2 plates of cakes. Each plate has 4 cakes.

Amir has 4 plates of cakes. Each plate has 2 cakes.

Now complete your work sheet.

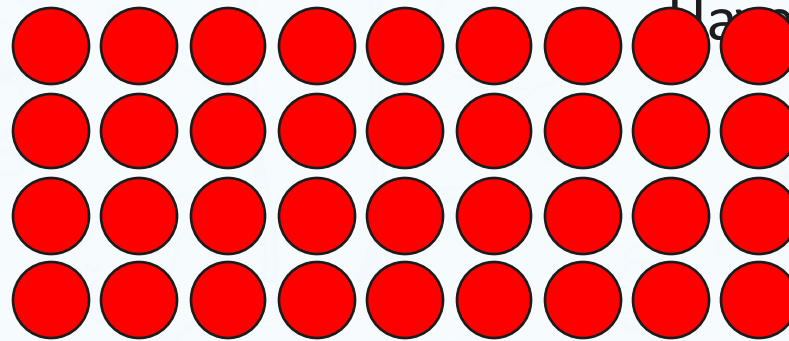


To multiply by 4,
you take the number
you are multiplying and
double it twice.





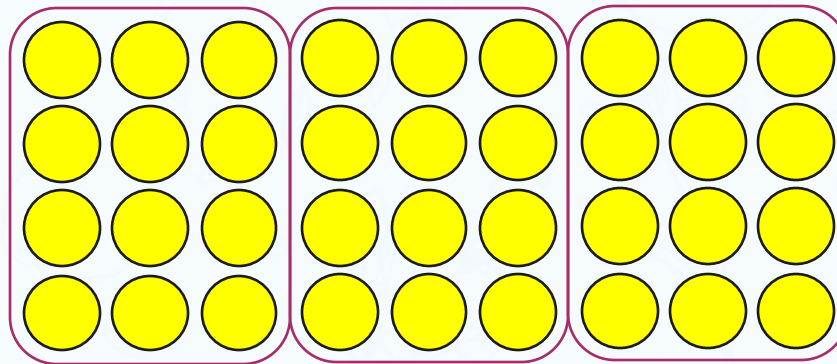
4×9 is the same as $4 \times 3 \times 3$



Have a think



$$4 \times 9$$



$$4 \times 9$$

$$4 \times 3 \quad 4 \times 3 \quad 4 \times 3$$

Now play Hit the Button game selecting x4.

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Home

Times Tables

Tables up to 12 Tables up to 10

Hit the Answer

- Mixed
- $\times 2$
- $\times 3$
- $\times 4$
- $\times 5$
- $\times 6$
- $\times 7$
- $\times 8$
- $\times 9$
- $\times 10$
- $\times 11$
- $\times 12$

Hit the Question

- Mixed
- $\times 2$
- $\times 3$
- $\times 4$
- $\times 5$
- $\times 6$
- $\times 7$
- $\times 8$
- $\times 9$
- $\times 10$
- $\times 11$
- $\times 12$

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