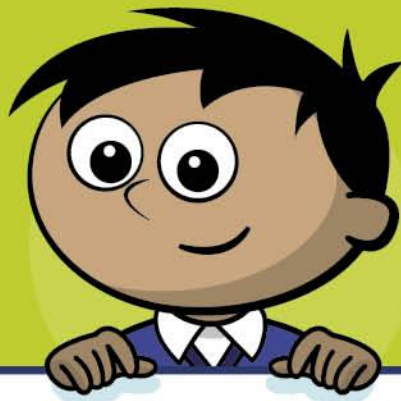


MULTIPLY BY 1 AND 0



Get ready

Here is your starter.

Complete the calculations.

1) $12 + 0 =$

2) $12 - 0 =$

3) $12 + 1 =$

4) $12 - 1 =$

Complete the calculations.

$$1) \quad 12 + 0 = 12$$

$$2) \quad 12 - 0 = 12$$

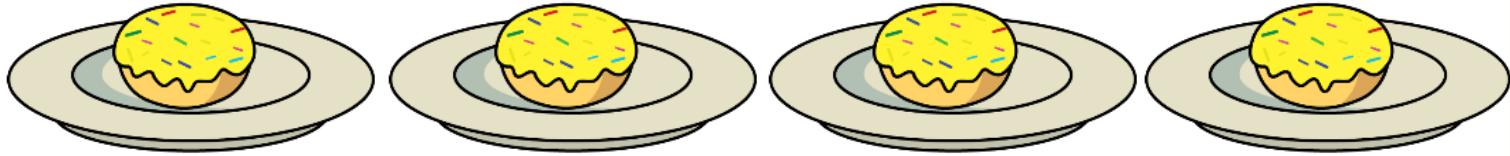
$$3) \quad 12 + 1 = 13$$

$$4) \quad 12 - 1 = 11$$



Let's learn

Get ready for today's
new learning.



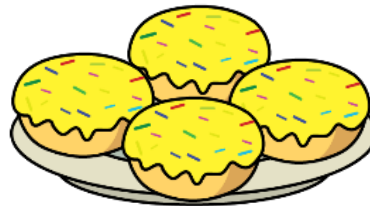
There are 4 plates.

Each plate has 1 doughnut on it.

$$4 \times 1 = 4$$

There are 4 doughnuts altogether.

$$1 \times 4 = 4$$



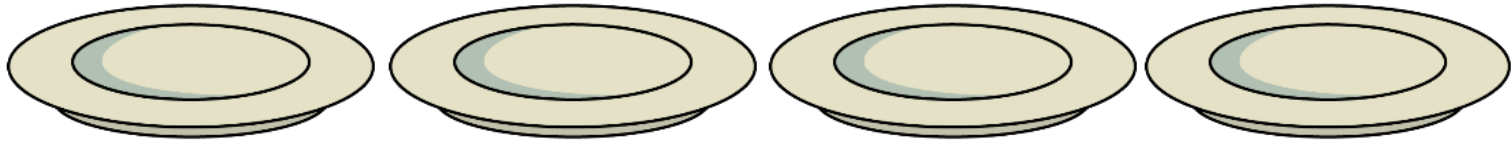
There is 1 plate.

The plate has 4 doughnuts on it.

$$1 \times 4 = 4$$

There are 4 doughnuts altogether.

$$4 \times 1 = 4$$



There are 4 plates.

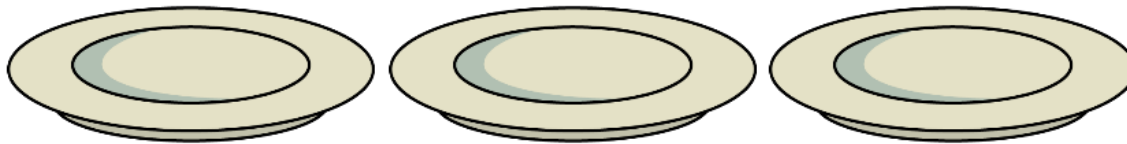
$$0 \times 4 = 0$$

Each plate has 0 doughnuts on it.

$$4 \times 0 = 0$$

There are 0 doughnuts altogether.

Have a think



There are 3 plates.

$$0 \times 3 = 0$$

Each plate has 0 doughnuts on it.

$$3 \times 0 = 0$$

There are 0 doughnuts altogether.



Complete the missing numbers and number sentences.

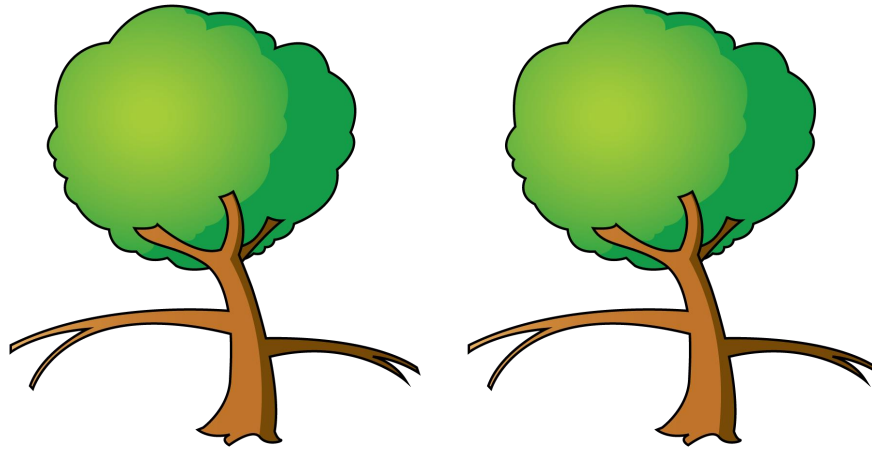
There is 1 tree.

The tree has 5 birds on it.

$$\underline{1} \times \underline{5} = \underline{5}$$

There are 5 birds altogether.

$$\underline{5} \times \underline{1} = \underline{5}$$



Have a think



Complete the missing numbers and number sentences.

There are 2 trees.

Each tree has 0 birds on it.

There are 0 birds altogether.

$$\underline{2} \times \underline{0} = \underline{0}$$

$$\underline{0} \times \underline{2} = \underline{0}$$

factor \times factor = product

2-times table	4-times table	8-times table
$2 \times 0 = 0$	$4 \times 0 = 0$	$8 \times 0 = 0$
$2 \times 1 = 2$	$4 \times 1 = 4$	$8 \times 1 = 8$
$2 \times 2 = 4$	$4 \times 2 = 8$	$8 \times 2 = 16$
$2 \times 3 = 6$	$4 \times 3 = 12$	$8 \times 3 = 24$

What's the same?

What's different?

One
One o
1

When one of the factors is 0,
the product is 0

that is not 0



factor \times factor = product

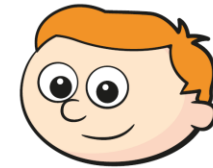
2-times table	4-times table	8-times table
$2 \times 0 = 0$	$4 \times 0 = 0$	$8 \times 0 = 0$
$2 \times 1 = 2$	$4 \times 1 = 4$	$8 \times 1 = 8$
$2 \times 2 = 4$	$4 \times 2 = 8$	$8 \times 2 = 16$
$2 \times 3 = 6$	$4 \times 3 = 12$	$8 \times 3 = 24$

What's the same?

What's different?

One of the factors is 1, or that is not 1
One of the factors is 1, the product
The product is equal to the product
one of the factors.

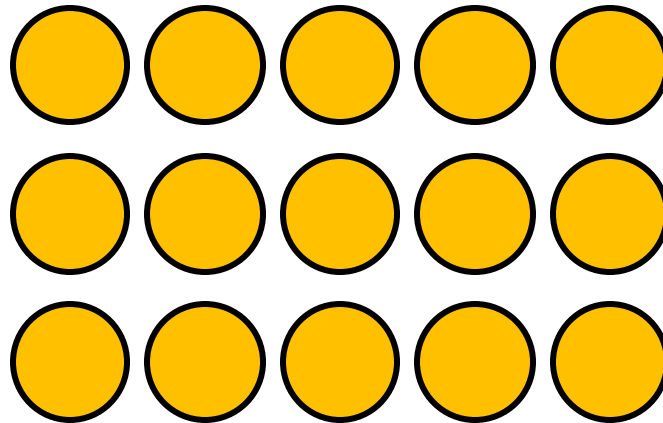
When one of the factors is 1,
the product is equal to the
other factor.



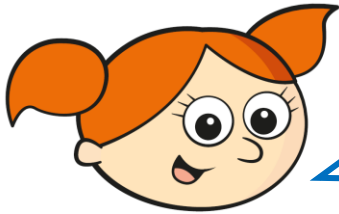
When three numbers are multiplied together, and one of them is 1, the product is equal to the multiplication of the other factors.



$$5 \times 1 \neq 3 = 15$$



$$\begin{array}{ccc} 379 \times 0 & \textcircled{>} & 1 \times 7 \\ = 0 & & = 7 \end{array}$$



379 is much greater than 1 so
 379×0 is greater than 1×7

Have a think



ADAPT YOUR INPUT

Use character artwork and other clipart from the following slides to adapt your input. These slides are just a starting point for your lesson. Add your own questions and content to meet the needs of your class.



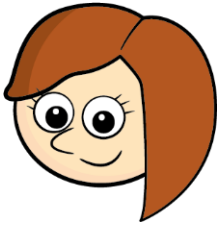
Your turn

Have a go at questions

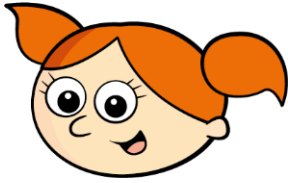


I do

You do



Rosie



Alex



Amir



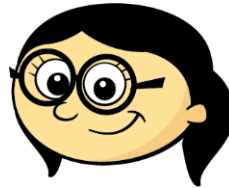
Whitney



Ron



Dexter



Annie



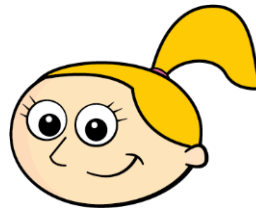
Tommy



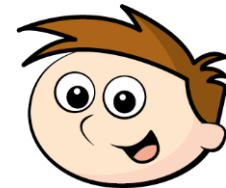
Mo



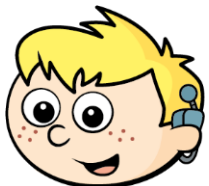
Jack



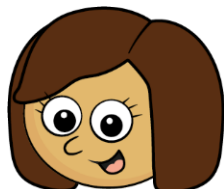
Eva



Teddy



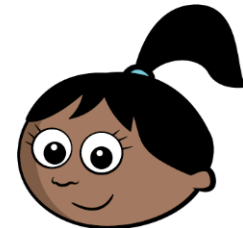
Max



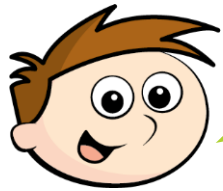
Kim



Jo



Sam



Speech bubble text –
replace with any
character head.

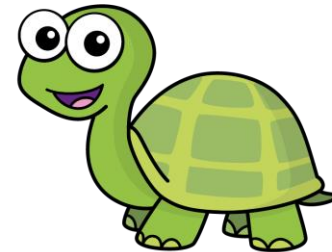
Speech bubble text –
replace with any
character head.



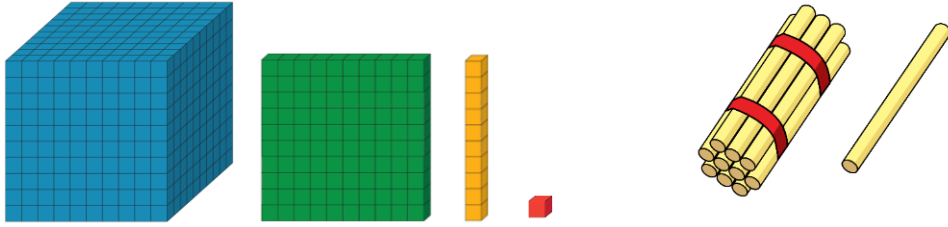
Bee



Diddy



Tiny



100	
40	60

TTh	Th	H	T	O	Tth	Hth

