

Maths

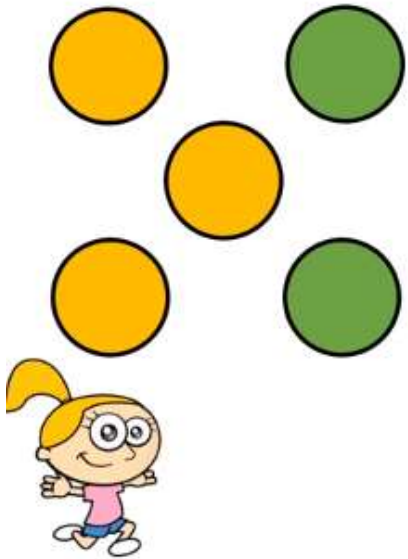
Wednesday 1st July

L.O. To write multiplication sentences using the x symbol

Look out for the blue writing for some teacher tips!

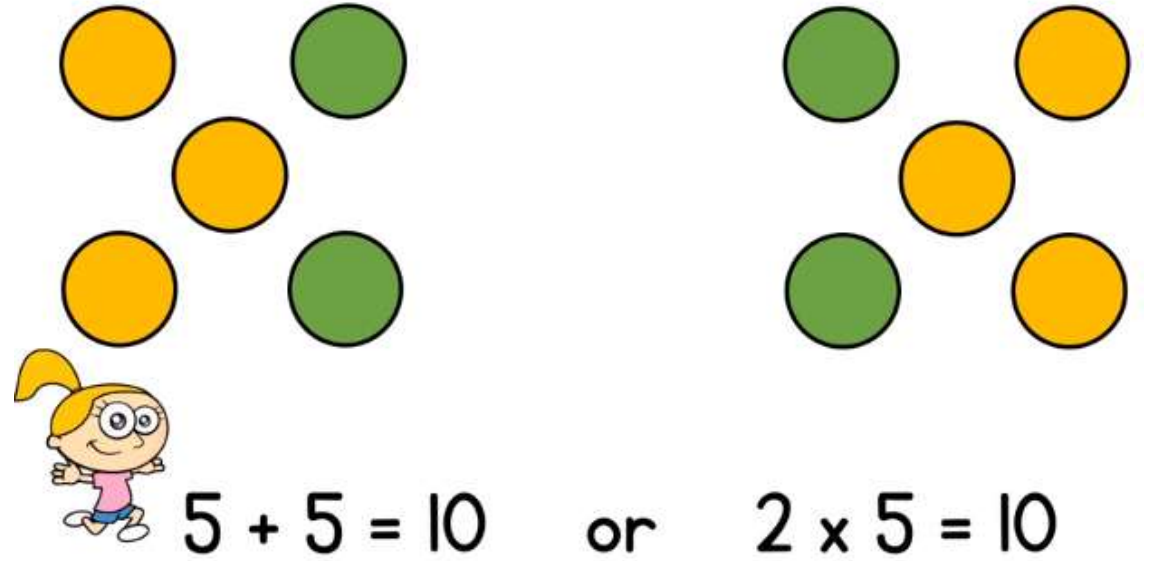
Multiplication sentences using the \times symbol

What do you see?



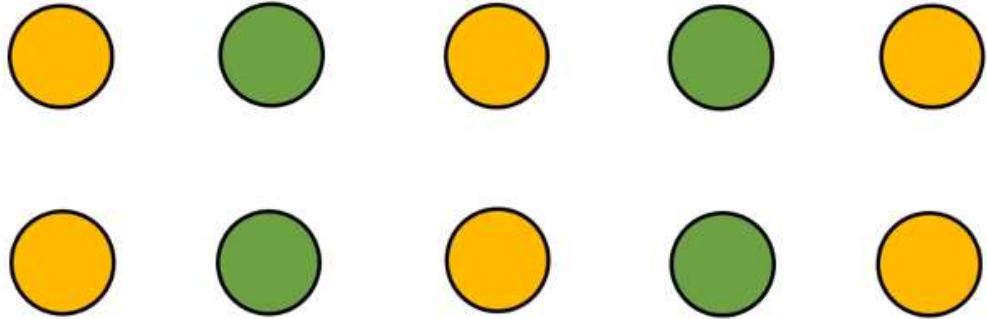
Multiplication sentences using the \times symbol

What do you see?

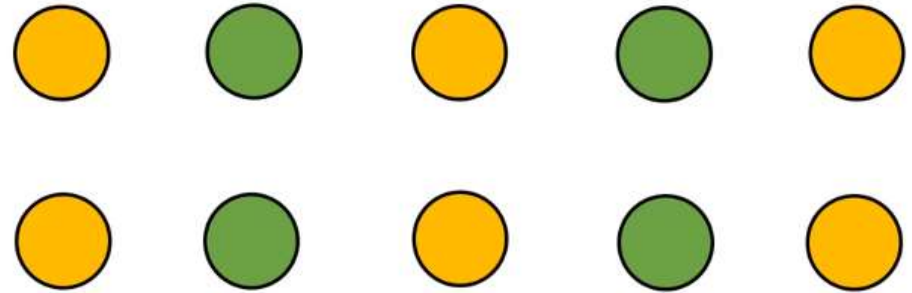


$5 + 5 = 10$ or $2 \times 5 = 10$

What do you see?



What do you see?



$$2 + 2 + 2 + 2 + 2 = 10 \text{ or } 5 \times 2 = 10$$

These are the same dots as before, but they have been arranged differently.

What do you see?

a)



Have a go



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

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

There are \square equal groups with \square in each group.

b)



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

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

There are \square equal groups with \square fish in each group.

What do you see?

Have a go



a)

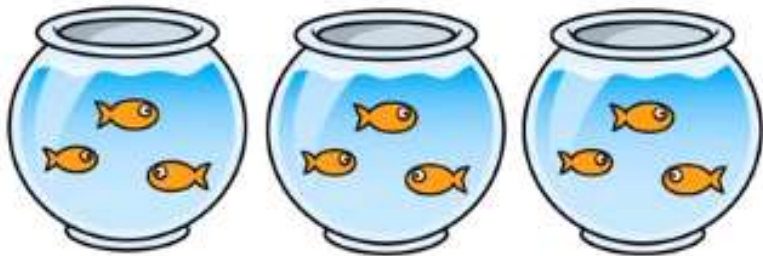


$$4 + 4 = 8$$

$$2 \times 4 = 8$$

There are 2 equal groups with 4 in each group.

b)



$$3 + 3 + 3 = 9$$

$$3 \times 3 = 9$$

There are 3 equal groups with 3 fish in each group.

Can you match them up?

Have a go



Addition

Multiplication

$$4 + 4$$

$$3 \times 4$$

$$4 + 4 + 4$$

$$2 \times 4$$

$$3 + 3 + 3 + 3$$

$$2 \times 3$$

$$2 + 2 + 2$$

$$4 \times 3$$

Can you match them up?

Have a go



Addition

Multiplication

$4 + 4$

3×4

$4 + 4 + 4$

2×4

$3 + 3 + 3 + 3$

2×3

$2 + 2 + 2$

4×3

What's missing?

Have a go



$$2 + \square + 2 + 2 + 2 + 2 = 6 \times 2$$

$$5 + 5 + 5 + 5 + 5 = \square \times 5$$

$$4 \times \square = 3 + 3 + 3 + 3$$

$$\square \times 2 = 2 + 2 + 2 + 2 + 2 + 2 + 2$$

What's missing?

Have a go



$$2 + 2 + 2 + 2 + 2 + 2 = 6 \times 2$$

$$5 + 5 + 5 + 5 + 5 = 5 \times 5$$

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

$$7 \times 2 = 2 + 2 + 2 + 2 + 2 + 2 + 2$$

The total is 14, what could the calculation be?



The total is 14, what could the calculation be?



Have a go



Let's try to arrange these cans into equal groups.

The total is 14, what could the calculation be?



Have a go



$$2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$$

or

$$7 \times 2 = 14$$

The total is 14, what could the calculation be?

Have a go



Now we've arranged the cans into 2 equal groups.

The total is 14, what could the calculation be?



Have a go 

$$7 + 7 = 14$$

or

$$2 \times 7 = 14$$



The total is 14, what could the calculation be?



Have a go 



Here we've arranged the cans into 1 group.

The total is 14, what could the calculation be?



Have a go 



$$| + | + | + | + | + | + | + | + | + | + | + | + | = 14$$

or

$$14 \times 1 = 14$$

$$1 \times 14 = 14$$

Use equipment to help you complete these:

$$4 \times \square = 12$$

$$\square \times 2 = 10$$

$$10 = 2 \times \square$$

$$\square = 8 \times 2$$

Use equipment to help you complete these:

Have a go 


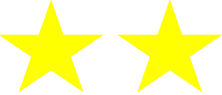

$$4 \times 3 = 12$$

$$5 \times 2 = 10$$

$$10 = 2 \times 5$$

$$16 = 8 \times 2$$

Try these challenges...

	$5 + 5 = 2 \times \underline{\quad}$ $4 + 4 + 4 = \underline{\quad} \times 4$ $3 + 3 + 3 + \underline{\quad} = 4 \times 3$ $6 + 6 = 2 \times \underline{\quad}$ $2 + 2 + 2 + 2 + 2 = \underline{\quad}$
	$6 + 6 + 6 = \underline{\quad} \times \underline{\quad}$ $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = 4 \times \underline{\quad}$ $5 \times \underline{\quad} = 15$ $5 \times 5 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$ $3 + 3 + 3 = \underline{\quad} \times \underline{\quad}$
	$\underline{\quad} \times \underline{\quad} = 25$ $\underline{\quad} \times 3 = 21$ $24 = \underline{\quad} \times 2$ $6 \times 4 = \underline{\quad}$ $\underline{\quad} \times 4 = 12$ $\underline{\quad} \times 6 = 18$ $\underline{\quad} \times \underline{\quad} = 15$