

# HOW TO... TIMES A NUMBER

When you have number times another number, it is the same as adding up identical-sized groups of things.

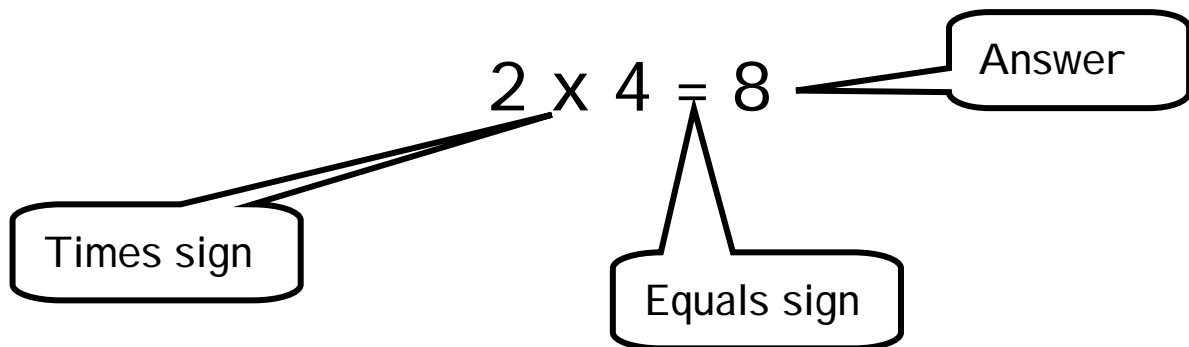
\* Practise adding groups of things to make a bigger group and finding out how many there are.

$$2 \times 4 = 8$$

is the same as:


$$\begin{array}{cccc} \text{candle} & \text{candle} & \text{candle} & \text{candle} \\ | & | & | & | \\ \text{---} & \text{---} & \text{---} & \text{---} \end{array} + \begin{array}{cccc} \text{candle} & \text{candle} & \text{candle} & \text{candle} \\ | & | & | & | \\ \text{---} & \text{---} & \text{---} & \text{---} \end{array} = \begin{array}{cccccccc} \text{candle} & \text{candle} & \text{candle} & \text{candle} & \text{candle} & \text{candle} & \text{candle} & \text{candle} \\ | & | & | & | & | & | & | & | \\ \text{---} & \text{---} & \text{---} & \text{---} & \text{---} & \text{---} & \text{---} & \text{---} \end{array}$$

All the parts of a sum have a meaning.  
This sum below is labelled.



\* Practise writing down groups of things as numbers, using the = sign and the X sign.

# TIMES, THE NEXT STEP

There is another way of writing down a times sum.

It can be written with one number on top of another, instead of side by side.

$$\begin{array}{r} 2 \\ 4 \times \\ \hline \hline \end{array}$$

The parts of the sum all have a meaning.  
The sum below is labelled.

$$\begin{array}{r} 2 \\ 4 \times \\ \hline \hline \end{array}$$

Answer line, this means the same as the equals sign.

Times sign

\* Practise writing down times sums this way, with one number on top of another, and writing the answers on the answer line.

Remember  $2 \times 4$  means 2 groups of 4.

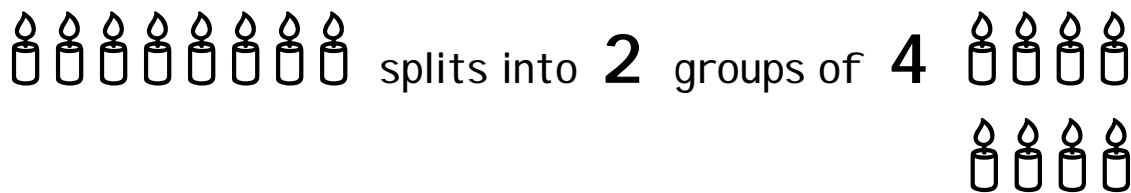
# HOW TO... DIVIDE

When one number is divided by another it tells you how many equal-sized groups of things will fit into a bigger group.

\* Practise splitting groups of things into smaller identical groups and finding out how many there are.

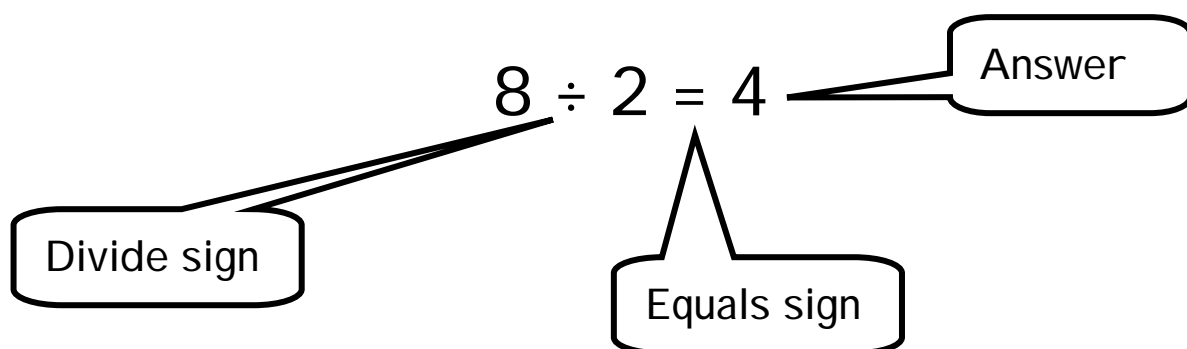
$$8 \div 2 = 4$$

is the same as saying



All the parts of a sum have a meaning.

The sum below labels with the right words.



\* Practise writing down groups of things as numbers, using the = sign and the ÷ sign.

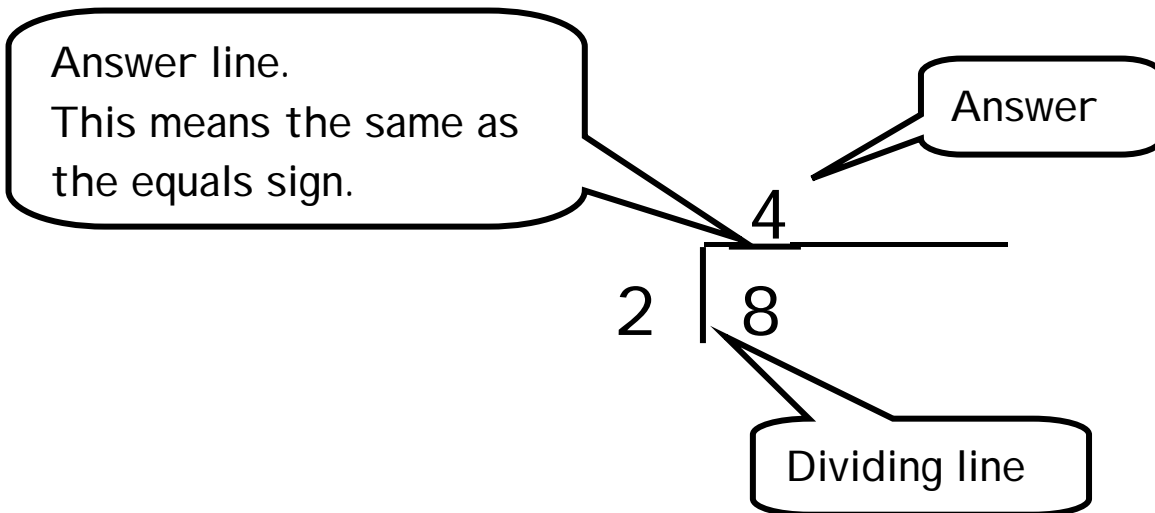
# DIVIDING, THE NEXT STEP

Once you have practised splitting up groups of things into smaller equal sized groups and then writing down the numbers with  $\div$  and  $=$  it's time for the next step.

There is another way of writing down a divide sum. It can be written with a box, instead of side by side.

$$2 \quad | \quad 8$$

The parts of the sum all have a meaning.  
The sum below is labelled.



\* Practise writing down division sums this way, and writing the answers on the answer line.

Remember the dividing sign means that you can use a box to write the sum down.