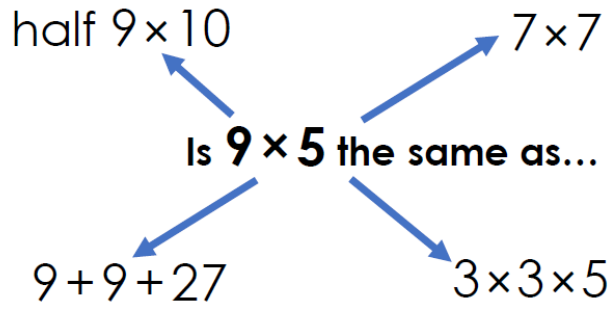
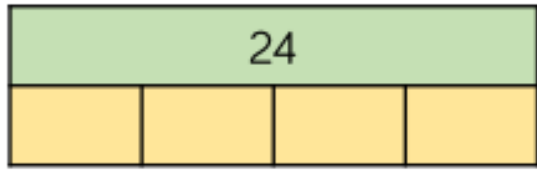


Answer these 4 mini tasks on multiplication and division .

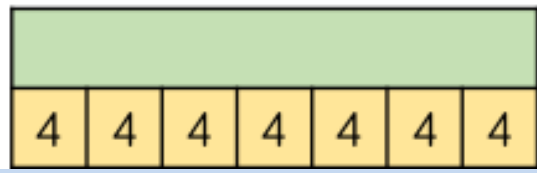
Is it the same?



Complete the bar models and the calculations.



$24 \div 4 = \underline{\quad}$



$\underline{\quad} \div 4 = \underline{\quad}$

These two questions are using bar models to show multiplication and division.

Which picture?

Draw lines to match the questions to the bar models:

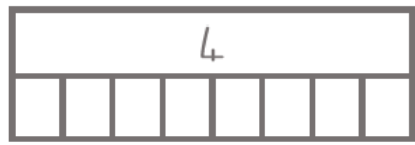
4 friends share 8 cherries.
How many cherries each?



4 pizzas shared by 8 friends.
How much pizza each?



4 friends each have 8 sweets.
How many in total?



Complete the table.

\times	2	4	8
3	6		
	10	20	
			72

Starter (quick revision):

Representing numbers on a number line

Show where 328 will go on each number line. Don't forget to look at the starting number and end number first.

Number lines

Show the position of **328** on each number line.



Take a few minutes to mark your work from yesterday. If you have made any mistakes see if you can go back and see where you have gone wrong.

1.481

2.233

3.569

4.154

5.454

6.157

Challenge:

1.395

2.1032

3.757

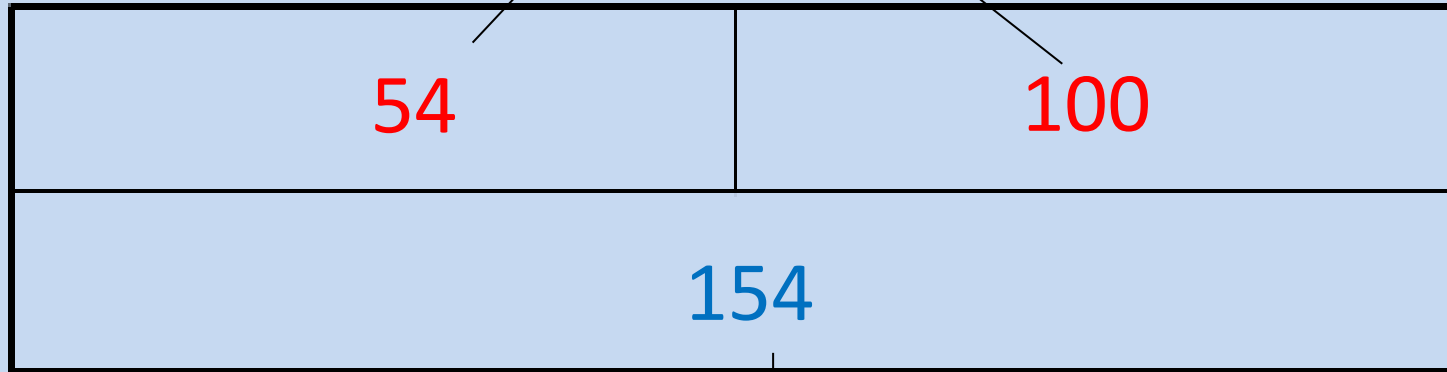
4.886

I hope you are beginning to get your head around how bar models can help with missing number problems! Today I'm going to give you some mixed addition AND subtraction missing number calculations. You will need to use a bar model to work out what operation you need to do to solve the problem.

As we saw with the multiplication and division starter, you can use bar models in many different ways to help you with maths!

A bar model is a good way to represent a calculation. It shows that when the two parts are added together it makes the whole. Yesterday we noticed the 'whole' is usually at the end of the calculation (on the other side of the =).

Parts



This bar model could show:

$$54 + 100 = 154$$

$$100 + 54 = 154$$

$$154 - 54 = 100$$

$$154 - 100 = 54$$

Whole

You could also write like this,

$$154 = 54 + 100$$

$$54 = 100 - 54$$

Answer these questions in your book. Draw a bar model for each question to help you and show your working out.

$48 + 33 = \underline{\quad}$

$97 - 28 = \underline{\quad}$

$88 - \underline{\quad} = 21$



Answers will follow tomorrow.

Answer these questions in your book. Draw a bar model for each question to help you and show your working out.

$$127 + 56 = \underline{\quad\quad}$$

$$182 - 47 = \underline{\quad\quad}$$

$$200 - \underline{\quad\quad} = 76$$

Answers will follow tomorrow.

Answer these questions in your book. Draw a bar model for each question to help you and show your working out.

$$589 + 307 = \underline{\quad\quad}$$

$$678 - 546 = \underline{\quad\quad}$$

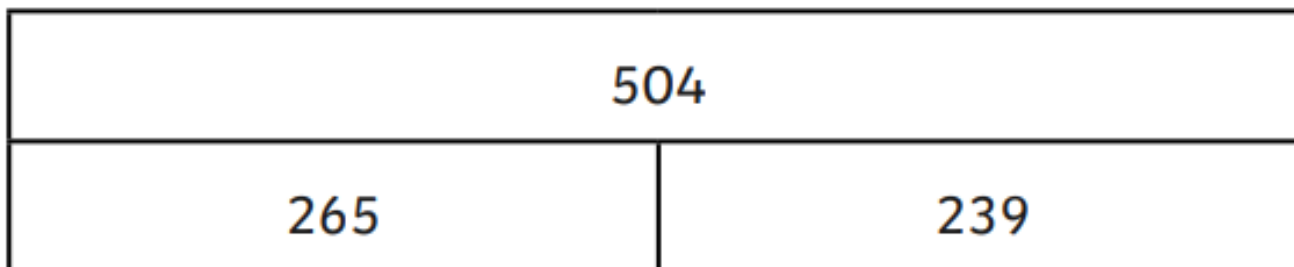
$$908 - \underline{\quad\quad} = 321$$

Answers will follow tomorrow.

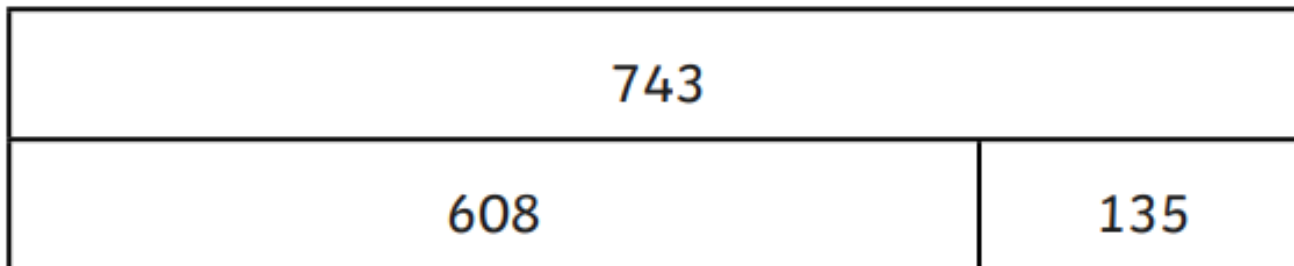
Extension:

1. Can you write an addition and a subtraction calculation for each bar using the given numbers?

a)



b)



Challenge:

How many calculations can you make with one bar model?

Can you mix the calculation up by putting the = at the start of the calculation (look back at page 5)?