

THURSDAY

Warm your maths' brain up with these quick-fire questions.

1) Which shape has not been split in half?



2) I plant 2 flowers in each pot.
How many pots can I fill?



3) Draw 3 plates. Draw 2 cookies on each plate.

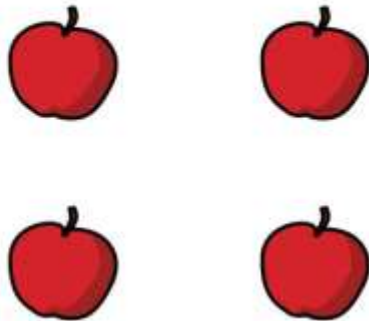
4) 2 less than 15 is _____

Find a quarter

Today we are learning about quarters of an amount. You can practise this by sharing 4, 8, 12, 16 sweets or objects between you and 3 teddies.

I Circle a quarter of each group.

a)



A quarter of 4 is



To complete another Flashback and see a video about quarters of an amount, follow this link: <https://vimeo.com/405758313>

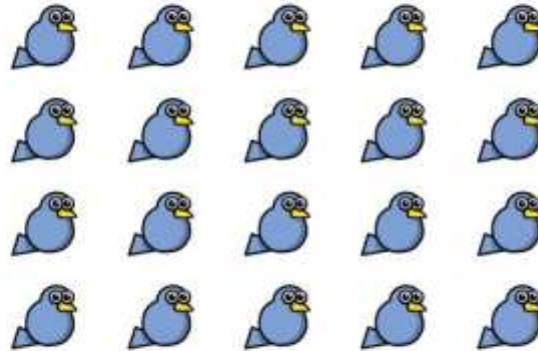
If you are not sure or want to check your answer, use objects to act out the problem.

I b)



A quarter of 12 is

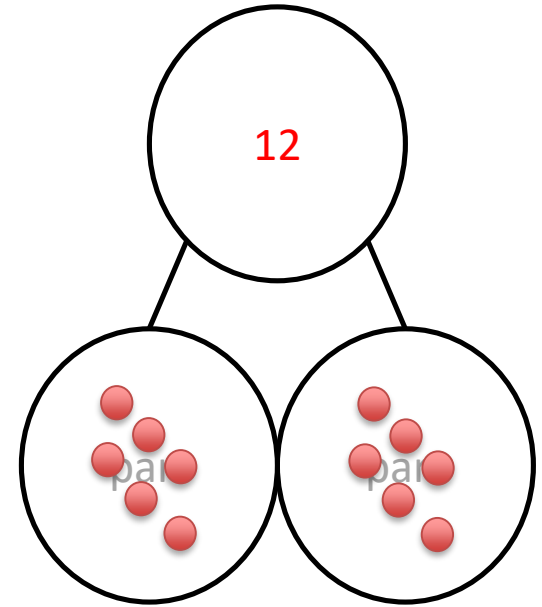
c)



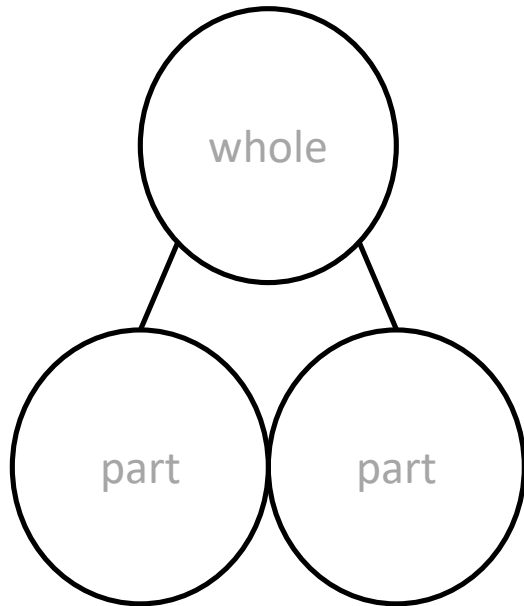
A quarter of 20 is

You can use a part – whole model to find the answers to the next questions.
Ask an adult to draw the model for you and then use objects to represent the problem and share them in your part – whole model.

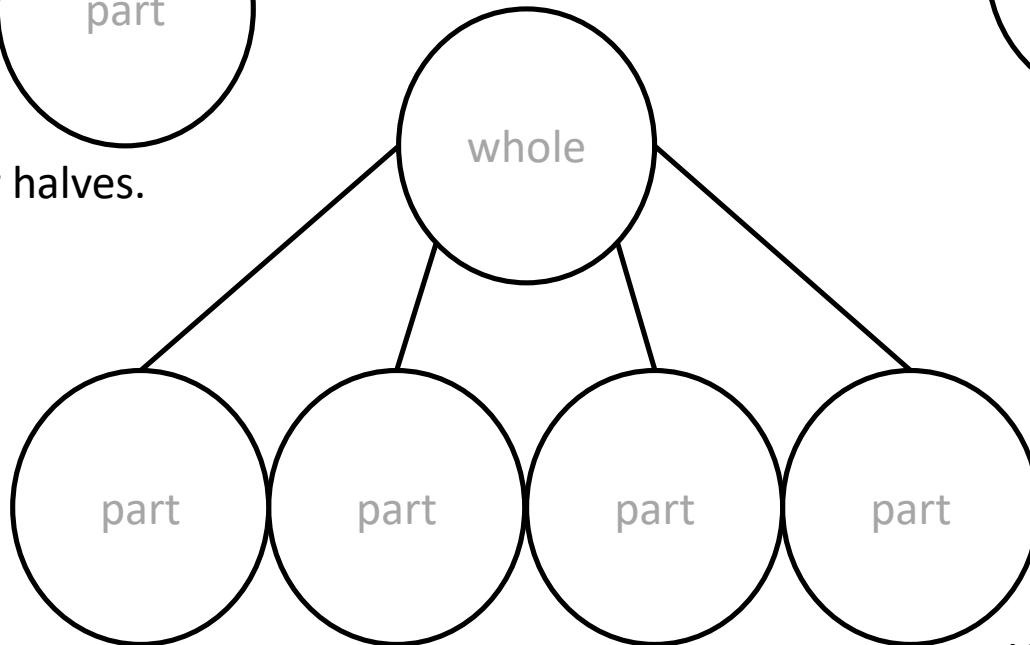
Example:



Half of 12 is 6
Double 6 is 12
 $6 + 6 = 12$



Use for halves.



Use for quarters.

You can use a part – whole model to find the answer. Use objects to represent the problem and share them in your part – whole model.



2 Complete the sentences.

a) Half of 12 is

A quarter of 12 is

b) Half of 16 is

A quarter of 16 is

2 c) Half of 8 is

A quarter of 8 is

What do you notice?

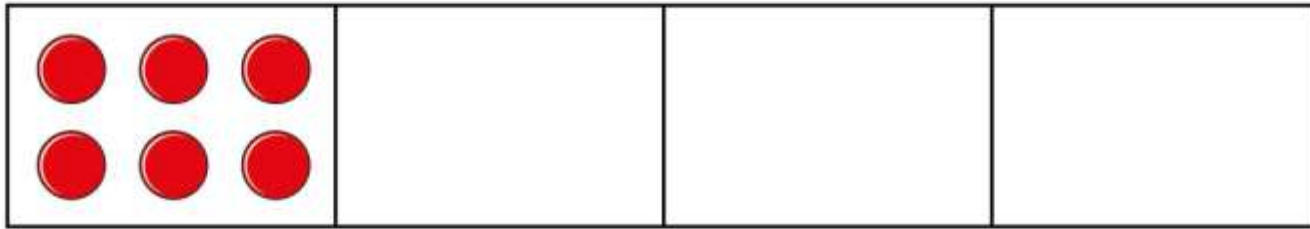


TIP: To find quarters, first find half and then find half again!



Remember, quarters are 4 equal parts. Draw in the remaining equal parts to find the whole.

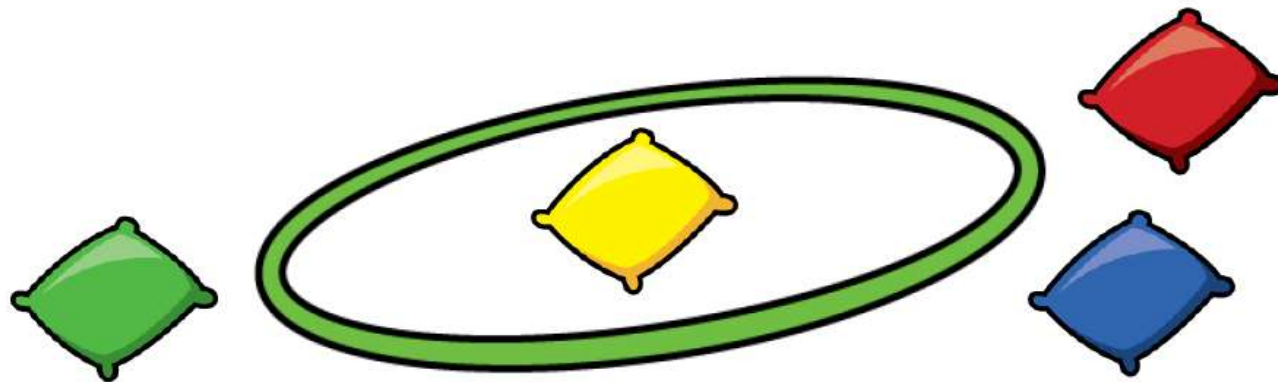
3 A quarter is 6



What is the whole?

The whole is





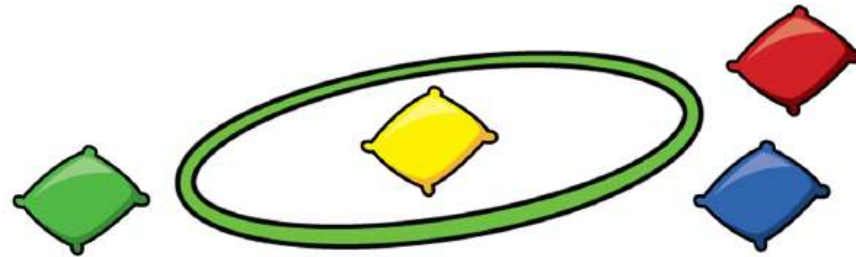
One quarter of the beanbags are in the hoop.

Is this true or false?

Can you convince me? Use your maths' reasoning and vocabulary to justify your answer.

Look at the next slide to check your answer.

True



There are 4 beanbags.

1 is in the hoop.

One quarter of the beanbags are in the hoop.

Challenge

Complete this halving and quartering wall. What is the relationship between the top row and one part of your final row? Explain your reasoning.

20			
10			

Half of 20 is:

One quarter of 20 is:

Half of 10 is:

Can you choose a new number to create your own wall? What do you notice?