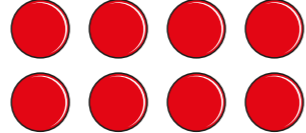


# Find a quarter



1 Here are 8 counters. 

a) Share the counters equally into 4 groups.

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b) Complete the sentences.

counters are shared equally

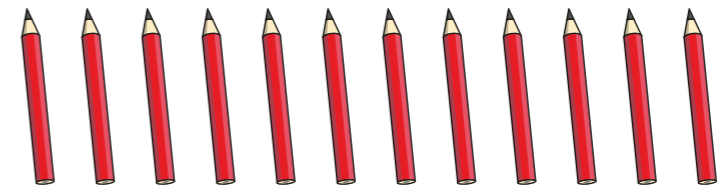
into  groups.

There are  counters in each group.

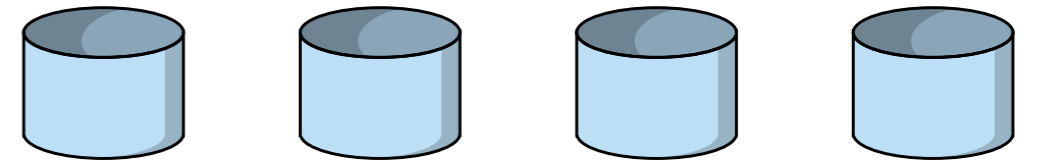
c) What is  $\frac{1}{4}$  of 8?

How did you work this out?

2 There are 12 pencils.

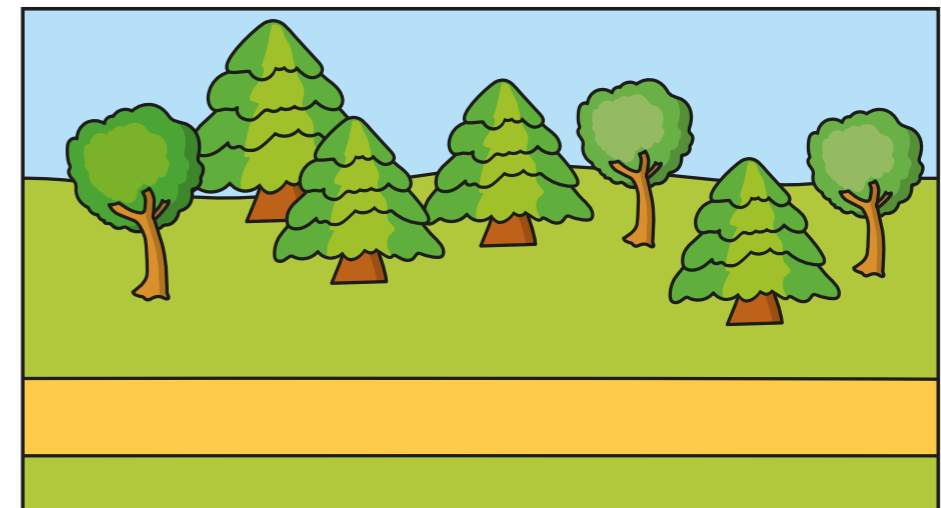


a) Share them equally between 4 pencil pots.



b) What is  $\frac{1}{4}$  of 12?

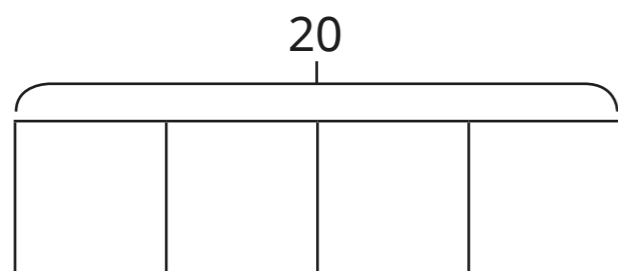
3 Tom and Kay are walking along a path.  
Kay is halfway along the path.  
Tom is a quarter of the way along the path.



a) Draw an arrow to show where Kay is.  
b) Draw an arrow to show where Tom is.

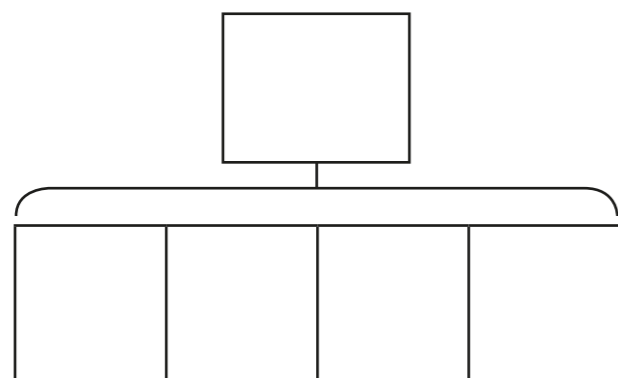
4 Use the bar models to help you.

a) Work out  $\frac{1}{4}$  of 20



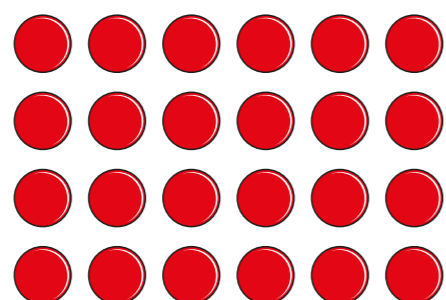
$\frac{1}{4}$  of 20 =

b) Work out  $\frac{1}{4}$  of 16



$\frac{1}{4}$  of 16 =

5 Show that  $\frac{1}{4}$  of 24 is 6



6

I can find a quarter by halving a number and halving again.

Use Kim's method to find  $\frac{1}{4}$  of 12

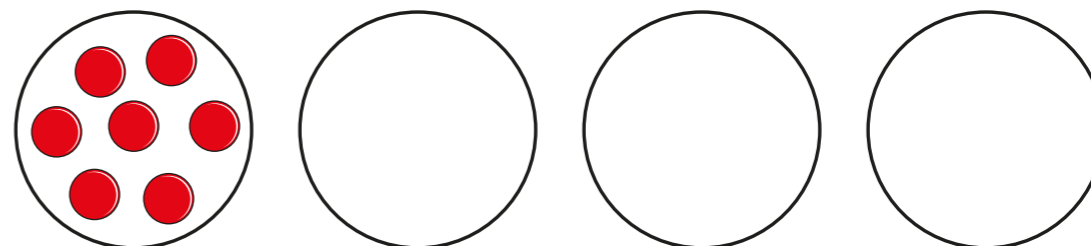


$\frac{1}{4}$  of 12 =

7 Complete the table.

Number	$\frac{1}{2}$ of number	$\frac{1}{4}$ of number
8		
20		
24		

8  $\frac{1}{4}$  of a number is 7



What is the number?

