

To know how to use a fraction to find a whole

- 1 Use the bar model to help work out the missing amount



a $\frac{1}{5}$ of = 4

Draw your own bar model to find:

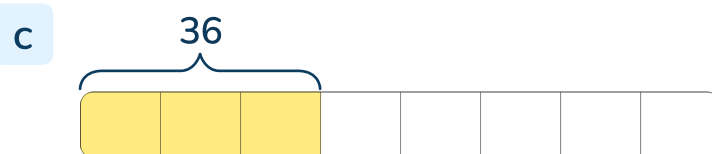
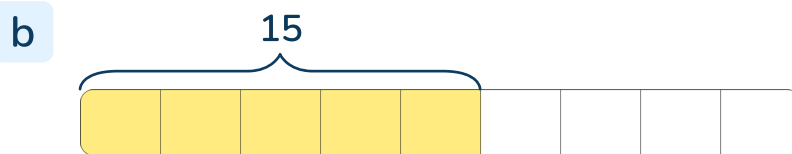
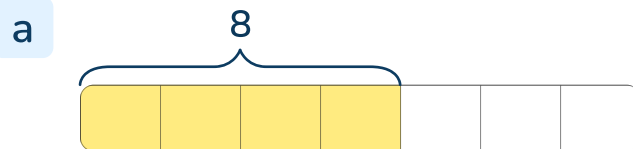
b $\frac{1}{6}$ of = 7

c $\frac{1}{8}$ of = 3

d $\frac{1}{5}$ of = 9

e $\frac{1}{4}$ of = 10

- 2 Use the bar models to find the whole amount



- d James is running a race. He reaches the 400m point and has completed $\frac{2}{3}$ of the race. How long is the race?

- e The bakery bakes lots of buns. In the afternoon they have $\frac{2}{5}$ of the amount left. If there are 60 buns left, how many did they bake?

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3 a Gemma is doing a jigsaw puzzle. On Monday she places $\frac{1}{4}$ of the pieces.

On Tuesday she places $\frac{1}{3}$ of the pieces. So far she has placed 420 pieces.

How many pieces does the jigsaw puzzle have?

b Charlie is using thread to make friendship bracelets. He uses $\frac{1}{5}$ of his thread on Saturday and $\frac{1}{3}$ on Sunday. If he has used 160cm of thread,

how much did he start with?

c Find the full values of A, B and C using the information given.

If $\frac{1}{5}$ of A = 12

$\frac{1}{3}$ of A = $\frac{4}{5}$ of B = $\frac{1}{4}$ of C

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Question Number	Question	Answer
1	<p>Use the bar model to help work out the missing amount</p> <p>a) $\frac{1}{5}$ of ____ = 4</p> <p>Draw your own bar model to find:</p> <p>b) $\frac{1}{6}$ of ____ = 7</p> <p>c) $\frac{1}{8}$ of ____ = 3</p> <p>d) $\frac{1}{5}$ of ____ = 9</p> <p>e) $\frac{1}{4}$ of ____ = 10</p>	<p>a) 20</p> <p>b) 42</p> <p>c) 24</p> <p>d) 45</p> <p>e) 40</p>
2	<p>a to c) Use the bar models to find the whole amount</p> <p>d) James is running a race. He reaches the 400m point and has completed $\frac{2}{3}$ of the race. How long is the race?</p> <p>e) The bakery bakes lots of buns. In the afternoon they have $\frac{2}{5}$ of the amount left. If there are 60 buns left, how many did they bake?</p>	<p>a) 14</p> <p>b) 27</p> <p>c) 96</p> <p>d) 600m</p> <p>e) 150</p>
3	<p>a) How many pieces does the jigsaw puzzle have?</p> <p>b) If he has used 160cm of thread, how much did he start with?</p> <p>c) If $\frac{1}{5}$ of A = 12, find A, B and C</p> <p>$\frac{1}{3}$ of A = $\frac{4}{5}$ of B = $\frac{1}{4}$ of C</p> <p>d) If $\frac{2}{3}$ of A = 24, find A, B and C</p> <p>$\frac{1}{4}$ of A = $\frac{3}{7}$ of B = $\frac{1}{5}$ of C</p>	<p>a) 720 pieces</p> <p>b) 300cm</p> <p>c) A = 60 B = 25 C = 80</p>