

LO: to find fractions of amounts

Recap: finding the whole

Draw a bar model to help

$$\frac{3}{7} \text{ of } \boxed{} = 30$$

$$\frac{2}{3} \text{ of } \boxed{} = 18$$

$$\frac{5}{12} \text{ of } \boxed{} = 40$$

$$\frac{3}{4} \text{ of } \boxed{} = 36$$

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Recap: finding the whole

Let's mark!

$$\frac{3}{7} \text{ of } \boxed{70} = 30$$

$$\frac{2}{3} \text{ of } \boxed{27} = 18$$

$$\frac{5}{12} \text{ of } \boxed{96} = 40$$

$$\frac{3}{4} \text{ of } \boxed{48} = 36$$

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Today you are going to complete some 'Testbase' questions.

You will need to read the questions carefully and use the methods from this week to find the answer.

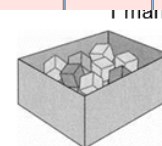
Think carefully: are you being asked to find a fraction of an amount or are you being asked to find the whole?

Draw a bar model to help for each question: it will help you visually see the question and what information is missing.

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I
do

Q3. There are 24 coloured cubes in a box. Three-quarters of the cubes are red, four of the cubes are blue and the rest are green. How many green cubes are in the box?



Show
your
method

24 coloured cubes	
$\frac{3}{4} = \text{red}$	$\frac{1}{4} = \text{blue and green}$

$$\frac{3}{4} \text{ of } 24 = 18 \text{ so } \frac{1}{4} \text{ of } 24 = 6$$

So 6 cubes are blue and green. We know 4 are blue, so $6 - 4$ will give us the number of green cubes. $6 - 4 = 2$ green cubes.

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you
do

HOME LEARNERS:

Open the the document 'Miss Riley Day 4 questions'.

Answer the questions in your book, then open the answers document to mark your work.