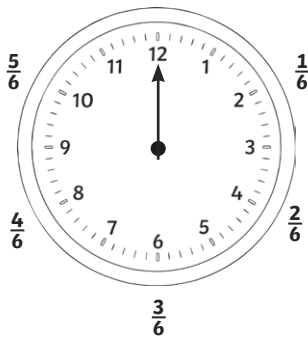1) There will be 225ml left.

2) Ahmed has swum 12 lengths so far.

3) $\frac{1}{4}$ of 200g is 50g. Each child gets 50g of sweets.

4) a) $\frac{2}{5}$ of 1000 is 400. Therefore, Troy has travelled 400m.

   b) $\frac{3}{5}$ of 1000 is 600. Therefore, Troy has 600m left to travel. Children may have found the difference to answer this question. 1000 – 400 = 600

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1) Patricia is correct.
   $\frac{1}{5}$ of 35 is 7 (35 ÷ 5 = 7).
   To find $\frac{2}{5}$, you need to multiply $\frac{1}{5}$ by 2.
   7 × 2 = 14
   Therefore, $\frac{2}{5}$ of 35 is 14.

2) Luke is incorrect. If the clock face was divided into sixths, each sixth would be 10 minutes long.
   If the minute hand moves $\frac{5}{6}$ of the way round the clock face, 50 minutes will have passed.

3) Jusuf is incorrect. There are a wide range of different ways to calculate $\frac{1}{7}$ of an amount. Children can find $\frac{1}{7}$ of any number that is a multiple of 7.
   Examples include:
   $\frac{1}{7}$ of 7 is 1.
   $\frac{1}{7}$ of 14 is 2.
   $\frac{1}{7}$ of 21 is 3.
   $\frac{1}{7}$ of 28 is 4.

1)

	English	Break	Maths	Break
Fraction	$\frac{2}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$
Length of Time (Minutes)	**48**	**24**	**24**	**24**

English and maths take up $\frac{3}{5}$ of the time. ($\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$)

Each break takes up $\frac{1}{5}$ of the time.

($\frac{5}{5} - \frac{3}{5} = \frac{2}{5}$ and $\frac{2}{5} \div 2 = \frac{1}{5}$)

Maths and each break:

$\frac{1}{5}$ of 120 = 24 (120 ÷ 5 = 24)

English:

To find $\frac{2}{5}$ of 120, multiply $\frac{1}{5}$ of 120 by 2.

$\frac{1}{5}$ of 120 is 24.

24 × 2 = 48 ($\frac{2}{5}$ of 120 is 48.)

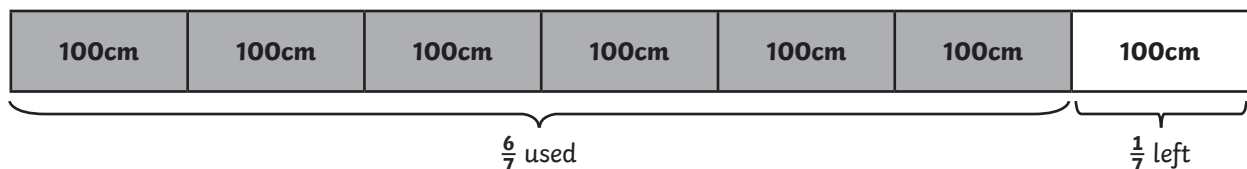**2) a)** **Mason is wrong as there is enough material to make four flags.**
150 × 3 = 450
Therefore, 450cm of material will be used to create three flags.
150 × 4 = 600
Therefore, 600cm of material will be used to create four flags.

b) **Mason will use 600cm of material out of 700cm of material. He will have 100cm left. (700 – 600 = 100)**
This will give a fraction of $\frac{100}{700}$, simplified as $\frac{1}{7}$.

100cm	100cm	100cm	100cm	100cm	100cm	100cm

$\frac{6}{7}$ used $\frac{1}{7}$ left

3) a) **We know what fraction of the magazine Mia read on Monday and Tuesday, so we can use this information to work out what fraction she read on Wednesday.**

First, add together the fractions from Monday and Tuesday. Then, subtract this total from the whole. This will give you the fraction of the magazine Mia read on Wednesday.

b) **$\frac{2}{6} + \frac{1}{6} = \frac{3}{6}$ (one half)**
$\frac{1}{2}$ of 78 is 39. (78 ÷ 2 = 39)

She read 39 pages on Wednesday.