1) Jack's bottle holds 450ml of water.
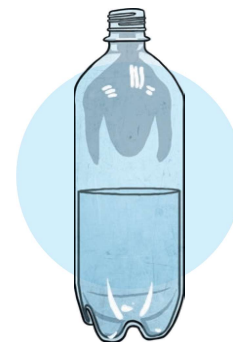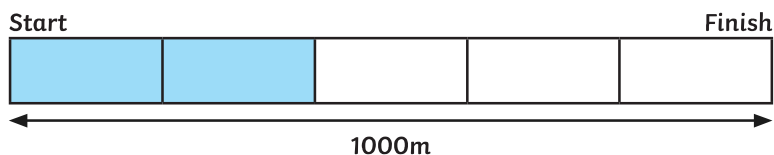If he drinks $\frac{1}{2}$ of the water, how much will be left? _____

2) Ahmed is swimming 16 lengths of the pool in a sponsored swim.
He has a break after $\frac{3}{4}$ of the swim. How many lengths has he swum so far?

Ahmed

_

_____

3) A bag of sweets weighs 200g. There are four children going for a picnic.
They each get $\frac{1}{4}$ of the bag. How many grams of sweets does each child get? _____

4) Troy is cycling home from school and has completed part of his journey.

Start   Finish

←——————————— 1000m ———————————→

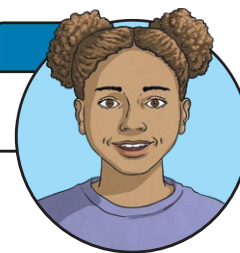**a)** How many metres has Troy cycled?

_____

b) How many metres does Troy have left to cycle?

_____

1) Two friends are discussing a maths question.

Anita

$\frac{2}{5}$ of £35 is £7.
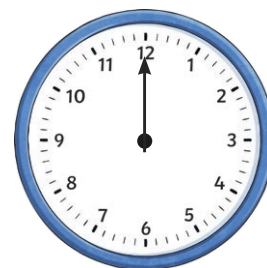
Patricia

$\frac{2}{5}$ of £35 is £14.

Who is correct?
Use reasoning to explain your answer.

_____

_____

2)

Luke

If the minute hand moves $\frac{5}{6}$ of the way round the clock face from where it is now, 55 minutes will have passed.
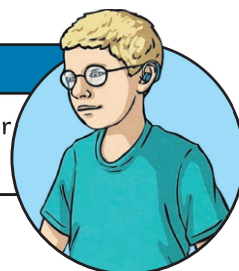
Do you agree?
Use reasoning to explain your answer.

_____

_____

3) Give two examples to prove that Jusuf is incorrect.

_____

_____

_____

Jusuf

I can't calculate $\frac{1}{7}$ of any number because the denominator is odd.

1) 2 hours (120 minutes) of a school timetable is shown.

Use the information in the timetable to calculate how long the lessons and breaktimes last.

Both breaktimes last the same amount of time.

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

2) Mason needs to make four flags for a school project about Canada.
Each flag uses 150cm of material cut from a roll.

Mason

I have a 700cm roll of material. I can only make three flags.

a) Do you agree with Mason? Use reasoning to explain your answer.

_____

_____

b) Once Mason has made his flags, what fraction of the roll of material is left?
Use a bar model to show your working.

3) Mia is reading a magazine with 78 pages.
On Monday, she reads $\frac{2}{6}$ of the magazine. On Tuesday, she reads $\frac{1}{6}$ of the magazine.
On Wednesday, she reads the rest of the magazine.

a) Explain how you can work out what fraction of the magazine Mia read on Wednesday.

_____

_____

b) How many pages of the magazine did she read on Wednesday?