



1) Two friends are discussing a maths question.

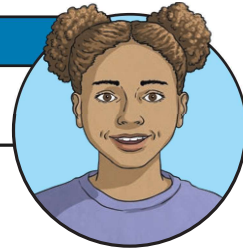


Anita

$\frac{2}{5}$ of £35 is £7.

Patricia

$\frac{2}{5}$ of £35 is £14.



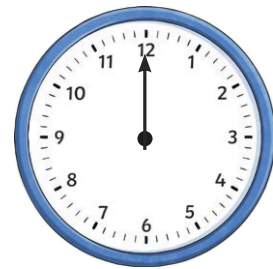
Who is correct?
Use reasoning to explain your answer.

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?