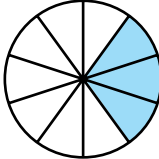

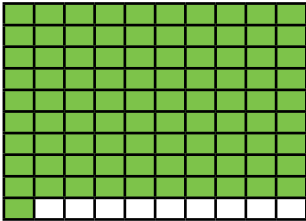

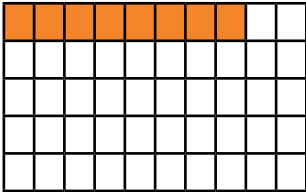

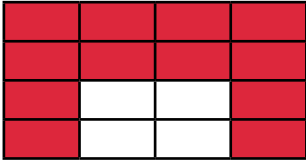




1) Complete the table to show the correct equivalences between the fractions and percentages.

Percentage	Fraction in Its Simplest Form	Visual Representation of the Fraction
		
		
		
		
		
		
		

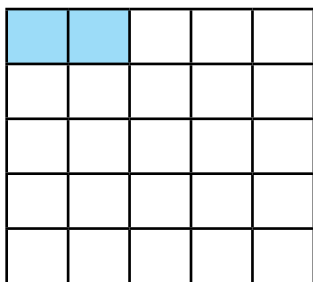
2) Three friends are sharing a bottle of lemonade. Selma drinks 35% of the bottle; Mia drinks $\frac{2}{5}$; Ruby drinks $\frac{3}{50}$. What percentage of the lemonade is left in the bottle when they have finished drinking?





1) Isabella thinks that 2% of this diagram is shaded in.

Adam thinks that it is 8%.



Explain which child is correct and why.

2) Are the following statements true or false? Explain your reasoning.

a) $1\% = \frac{100}{1000}$

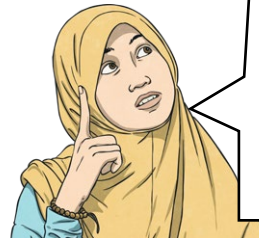
b) $200\% = \frac{20}{10}$

c) $\frac{30}{50} > 25\% < \frac{6}{20}$

- 1) This table shows the test scores for two children in different school subjects. Each score has been converted to an equivalent fraction, then a percentage.



My maths score was even. When changed to a percentage, it was the closest score to 50% that is possible when an even number is scored.



My Geography score was odd. When changed to a percentage, it was the closest score to 75% that is possible when an odd number is scored.

- a) Firstly, use the clues to find two of the children's scores.

	Maths	Science	Geography	Reading
Amelia	$\frac{\square}{25} = \frac{\square}{100} = 68\%$	$\frac{\square}{200} = \frac{\square}{100} = 59\%$	$\frac{\square}{50} = \frac{\square}{100} = \square$	$\frac{\square}{24} = \frac{\square}{8} = 12.5\%$
William	$\frac{\square}{25} = \frac{\square}{100} = \square\%$	$\frac{\square}{200} = \frac{\square}{100} = 78\%$	$\frac{\square}{50} = \frac{\square}{100} = 94\%$	$\frac{9}{\square} = \frac{\square}{8} = 37.5\%$

- b) Now, complete the table by working out all of the other missing values.

- 2) Complete the table by giving possible scores and percentage equivalents for each child. Each child's equivalent percentage score was as follows:

- computing: 60-80%
- history: 85-95%
- arithmetic: 20-40%
- music: 70-80%

	Computing	History	Arithmetic	Music
Lily	$\frac{\square}{200} = \square\%$	$\frac{\square}{500} = \square\%$	$\frac{\square}{32} = \square\%$	$\frac{\square}{250} = \square\%$
Osman	$\frac{\square}{200} = \square\%$	$\frac{\square}{500} = \square\%$	$\frac{\square}{32} = \square\%$	$\frac{\square}{250} = \square\%$