

B

- 1 Copy and complete the table.

Fractions	Decimals	%ages
$\frac{1}{10}$	0.1	10%
		50%
		32%
		90%
	0.18	
	0.25	
	0.02	
	0.4	
$\frac{7}{50}$		
$\frac{3}{4}$		
$\frac{6}{100}$		
$\frac{11}{25}$		
		1%
	0.95	

What percentage could be used in each sentence.

- 2 Half the tissues in the box had been used.
- 3 Nineteen of the twenty horses in the race were brown.
- 4 The basketball team won four in every five matches played.
- 5 Twenty-nine hundredths of the Earth's surface is water.
- 6 Ella and Elysia achieved full marks in the Maths Test.
- 7 Darren has read three quarters of his book.
- 8 Twenty-seven in every fifty visitors to the Museum stayed for more than two hours.
- 9 Nine out of the twenty-five balloons in the packet were yellow.
- 10 Three in every five chocolates had a soft centre.

C

Write each fraction as:

- a) a decimal
- b) a percentage.

- | | | | |
|------------------|--------------------|---------------------|-------------------|
| 1 $\frac{7}{10}$ | 3 $\frac{87}{100}$ | 5 $\frac{2}{5}$ | 7 $\frac{23}{25}$ |
| 2 $\frac{4}{50}$ | 4 $\frac{3}{20}$ | 6 $\frac{126}{200}$ | 8 $\frac{18}{40}$ |

Write each percentage as:

- a) a fraction in its simplest form
- b) a decimal.

- | | |
|--------|----------|
| 9 23% | 13 71% |
| 10 35% | 14 0.5% |
| 11 60% | 15 30% |
| 12 9% | 16 17.5% |

- 17 Eight children competed for the title School Master Chef. Their task was to produce cakes for the School Fête. Complete the list of results.

Name	Cakes made	Cakes sold	%age sold	%age unsold
Ailsa	50	39		
Bilal	54		50%	
Carmen	40			30%
Digby	60	39		
Esmé	45		80%	
Fred	56			25%
Gail	48	30		
Harry	55		60%	

- 18 Use squared paper.
Draw a 6×10 grid of 60 boxes.
- a) Colour 25% red.
 - b) Colour 20% blue.
 - c) Colour 9 boxes yellow.
 - d) Write down the percentage of the boxes not coloured.