

**1** Draw lines to match equivalent fractions, decimals and percentages.

$\frac{1}{5}$	$\frac{3}{4}$	$\frac{2}{5}$	$\frac{7}{10}$	$\frac{1}{100}$	$\frac{1}{4}$
0.75	0.7	0.2	0.4	0.25	0.01
40%	20%	75%	25%	1%	70%

**1**  
6 marks

**2** Calculate these percentages. Show any working.

a) 80% of 620 km = 496 km

b) 25% of 348 l = 87 l

c) 30% of £980 = £294

d) 65% of 1640 g = 1066 g

**2**  
4 marks

Award 2 marks per question for the correct answer. If the answer is incorrect, award 1 mark for identifying the correct calculation(s).

**3** A suit normally costing £620 is reduced by 25% in a sale. What is the sale price of the suit?

<span style="border: 1px solid black; padding: 2px;">£465</span>	
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**3**  
2 marks

- 4** Over the past 12 months the average house price has increased by 5%. If the average house price 12 months ago was £250 000, what is the average house price now?

£262 500

**4**  
2 marks

- 5** Last month, approximately 468 000 people visited a theme park. Of those, 65% were children. How many children visited the theme park last month?

304 200 children

**5**  
2 marks

- 6** Declan is saving up to buy a new computer costing £1260. So far he has saved 75%. How much money does Declan still need to save?

£315

**6**  
2 marks

- 7** During a sale, Michael bought a sofa that normally costs £2400 for only £1800. What percentage discount did Michael receive?

25%

**7**  
2 marks