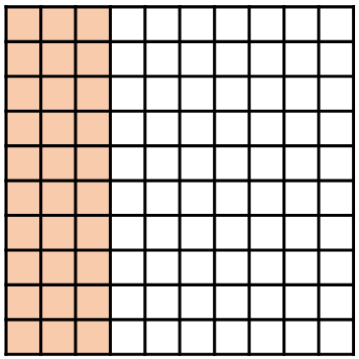
Year 6

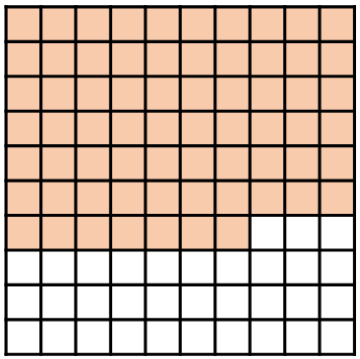
Percentages

Name _____

1 Here are some hundred grids.
What percentage of each grid is shaded?



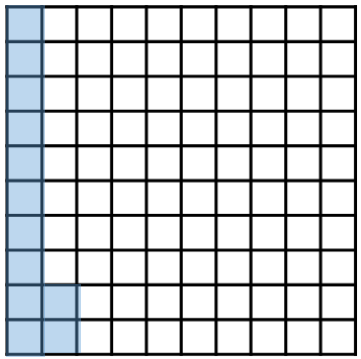
30 %



67 %

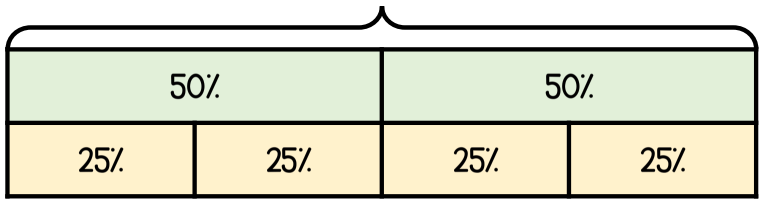
2 marks

2 Shade 12% of the hundred grid.



1 mark

3 Use the bar model to help you.



What is 50% of 120 kg?

60 kg

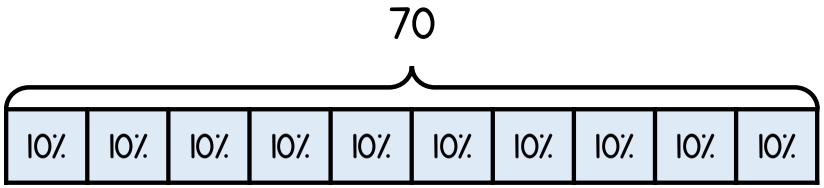
1 mark

What is 25% of 120 kg?

30 kg

1 mark

4 Use the bar model to help you.



What is 10% of 70?

7

What is 30% of 70?

21

What is 90% of 70?

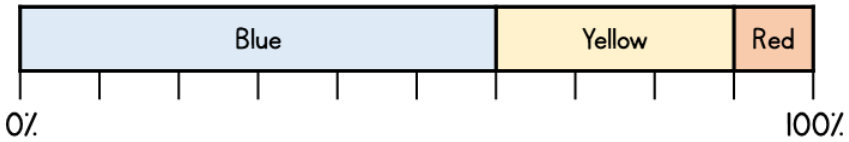
63

What is 5% of 70?

3.5

4 marks

5 The percentage bar chart shows the colour of counters in a box.



What percentage of the counters in the box are blue?

60%

What percentage of the counters in the box are yellow?

30%

What percentage of the counters in the box are red?

10%

3 marks

6 50% of a number is 32
What is the number?

64

10% of a number is 7.5
What is the number?

75

2 marks

7 Max has £800 in the bank.
He spends 3% of his money on a new computer game.
How much money does he spend on the computer game?

1 mark for calculating 1% = £8

£ 24

2 marks

8 Complete the table.

Percentage	Fraction	Decimal
50%	$\frac{1}{2}$	0.5
7%	$\frac{7}{100}$	0.07
20%	$\frac{1}{5}$	0.2
57%	$\frac{57}{100}$	0.57

1 mark for 2 correct.

2 marks

9 Leona has a large bag of apples.
There are 180 apples in the bag.
She uses $\frac{1}{4}$ of the apples to make some juice.
She uses 20% of the apples to make some pies.
How many apples are left?

1 mark for correctly finding 20% or $\frac{1}{4}$

99 apples

2 marks

Circle how confident you feel with percentages.

1 2 3 4 5

Not confident — Very confident