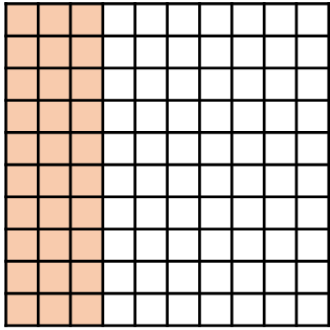
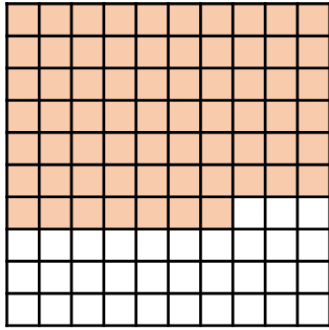


Name \_\_\_\_\_

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



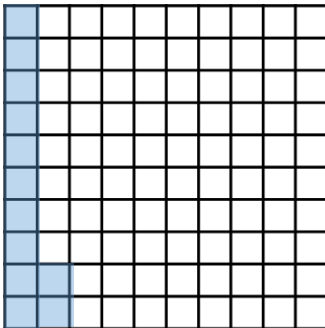
30 %



67 %

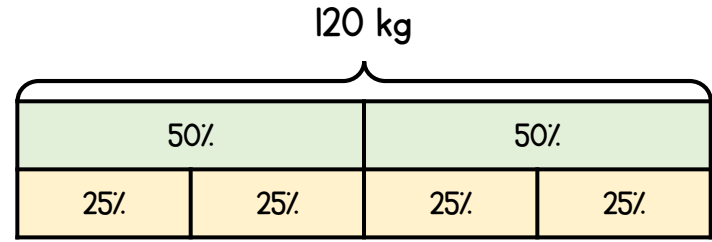
2 marks

- 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

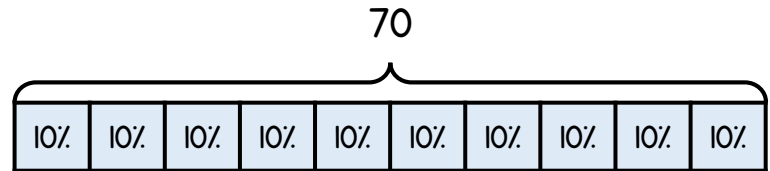
1 mark

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?

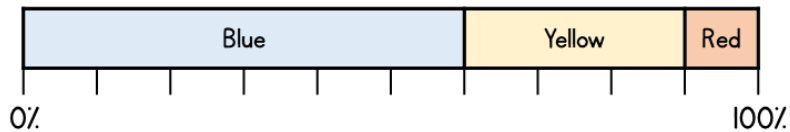
63

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.

- 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

2 marks

Circle how confident you feel with percentages.

1

2

3

4

5

Not  
confident

Very  
confident

2 marks