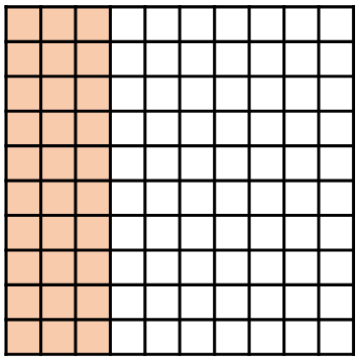
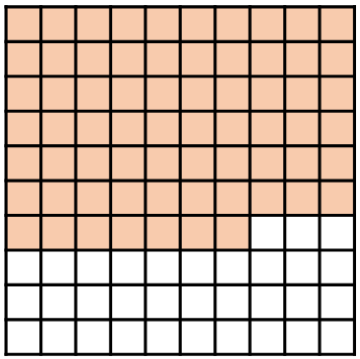
# Year 6

## Percentages

Name _____

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

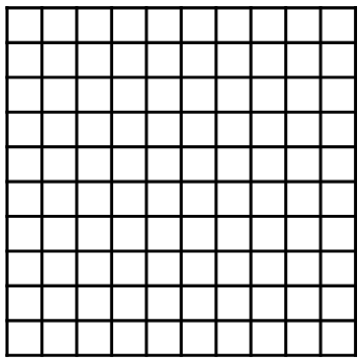




☐ % ☐ %

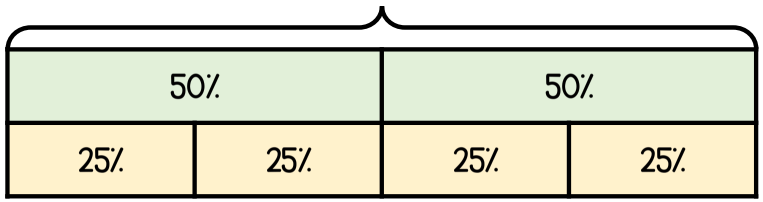
2 marks

**2** Shade 12% of the hundred grid.



1 mark

**3** Use the bar model to help you.




What is 50% of 120 kg?

_____ kg

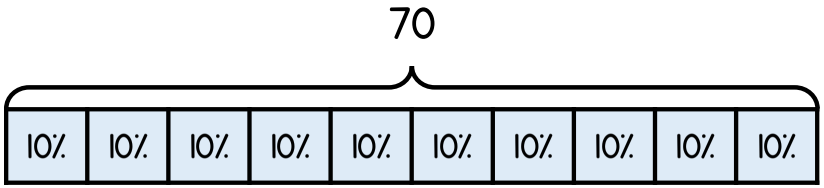
1 mark

What is 25% of 120 kg?

_____ kg

1 mark

**4** Use the bar model to help you.




What is 10% of 70?

_____

What is 30% of 70?

_____

What is 90% of 70?

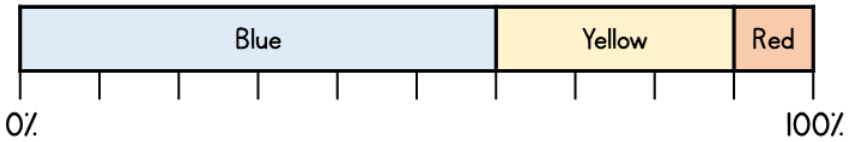
_____

What is 5% of 70?

_____

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?

_____

What percentage of the counters in the box are yellow?

_____

What percentage of the counters in the box are red?

_____

3 marks

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

_____

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

_____

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?

£ _____

2 marks

**8** Complete the table.

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

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?

_____ apples

2 marks

Circle how confident you feel with percentages.

1 2 3 4 5

Not confident — Very confident