

1.

$$5\% = \frac{?}{100}$$

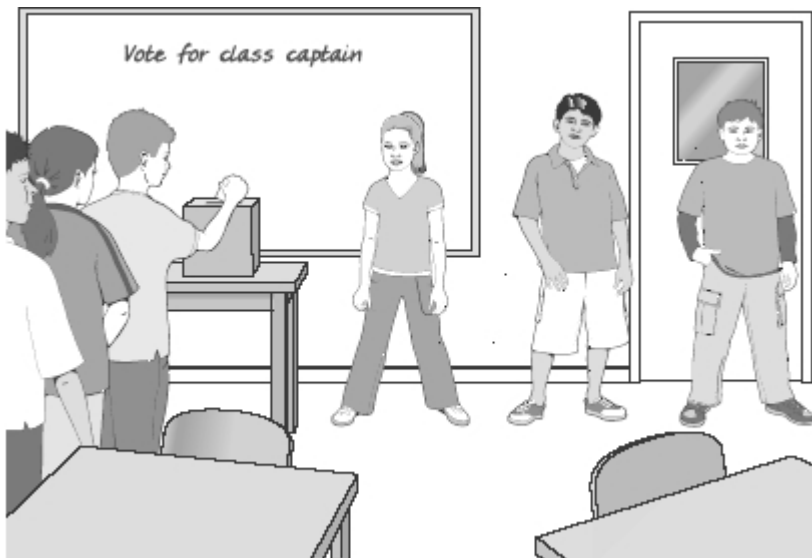
1 mark

2.

$$0.6 = ? \%$$

1 mark

3.



All the children in Class 6 vote to pick a class captain.

The choice is Holly or Dev or Joe.

	Vote once ✕
Holly	<input type="checkbox"/>
Dev	<input type="checkbox"/>
Joe	<input type="checkbox"/>

Dev gets 10% of the votes.

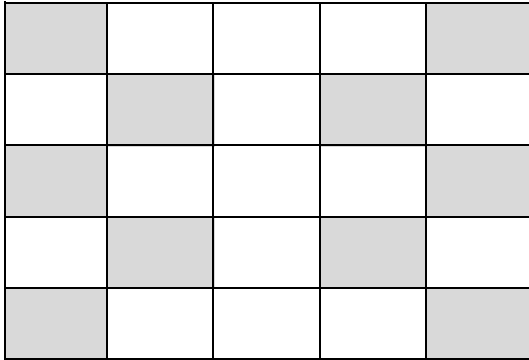
Joe gets twice as many votes as Holly.

What percentage of the votes does the winner get?

 %

1 mark

4. Here is a pattern on a grid.

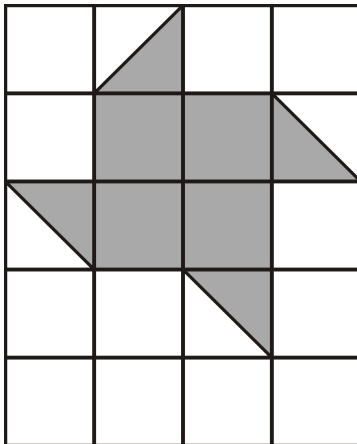


What **percentage** of the grid is shaded?

 %

1 mark

5. Here is a grid of 20 squares.



What percentage of the grid is shaded?

 %

1 mark

6.

$$30\% = \frac{?}{20}$$

1 mark

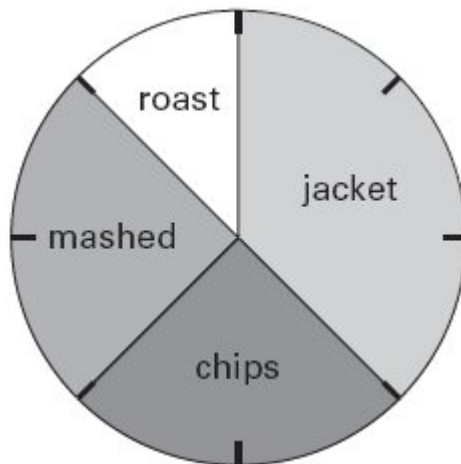
7.

$$96\% = \frac{?}{25}$$

1 mark

8.

This pie chart shows how the children in Class 6 best like their potatoes cooked.



32 children took part in the survey.

Look at the four statements below.

For each statement put a tick (✓) if it is **correct**.

Put a cross (✗) if it is **not correct**.



10 children like chips best.

25% of the children like mashed potatoes best.

$\frac{1}{5}$ of the children like roast potatoes best.

12 children like jacket potatoes best.

2 marks

9.

Write these in order of size, starting with the smallest.

$\frac{3}{4}$

0.34

0.7

43%



smallest

1 mark

10.

What is 10% of a half?



1 mark

What percentage of 20 is 19?

A rectangular input box for the answer, with a percentage sign (%) on the right side.

1 mark

Mark schemes

1.	5		[1]
2.	60		[1]
3.	60%	U1	[1]
4.	40%	<i>Do not accept equivalent fractions or decimals.</i>	[1]
5.	30%	<i>Do not accept equivalent fractions or decimals.</i>	[1]
6.	6		[1]
7.	24		[1]

8.

Award **TWO** marks for boxes ticked and crossed as shown:



If the answer is incorrect, award **ONE** mark for any three boxes correctly completed.

*Accept alternative unambiguous indications such as **Y** or **N**.*

*For **TWO** marks, accept:*

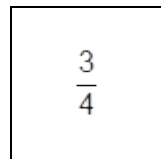
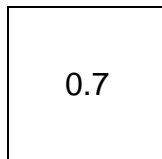
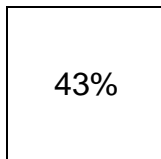
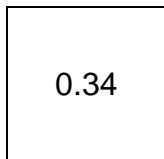


Up to 2

[2]

9.

Numbers in order as shown:



Accept use of equivalent fractions, decimals or percentages, eg 0.34, 0.43, 0.7, 0.75

[1]

10.

(a) $\frac{1}{20}$ or equivalent

Accept equivalent fractions, decimals or percentages, eg:

- 5%
- 0.05
- $\frac{5}{100}$

Do not accept 5 without a percentage sign

1

(b) 95

Do not accept *equivalent fractions or decimals*

1

[2]