

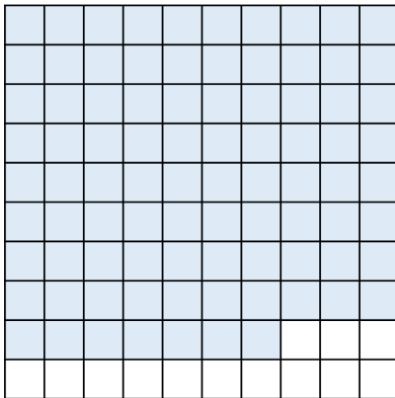
Year 4

Decimals



Name _____

- 1 The hundred square represents one whole.



How much of the hundred square is shaded?

Give your answer as a fraction.

$\frac{87}{100}$

1 mark

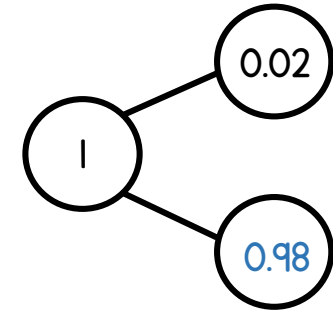
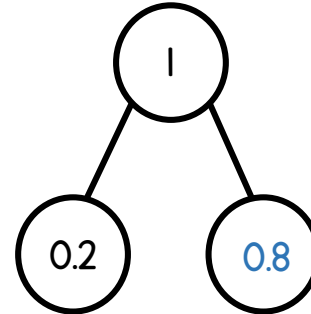
How much of the hundred square is not shaded?

Give your answer as a decimal.

0.13

1 mark

- 2 Complete the part-whole models.



2 marks

- 3 Toby is making 1.42 on the place value grid.

Ones	Tenths	Hundredths

Draw counters to complete Toby's number.

1 mark

4 Compare using $<$, $>$ or $=$

$$0.68 < 0.78$$

$$0.68 < 0.7$$

$$0.6 > 0.08$$

5 Three children are in a long jump competition.
Sally jumps 1.6 metres.
Ted jumps 0.78 metres.
Hamza jumps 1.46 metres.

Order their jumps from longest to shortest.

1.6 1.46 0.78

Round Sally's jump to the nearest metre.

2 m

☐
3 marks

☐
1 mark

☐
1 mark

6 Match the fractions to their decimal equivalent.

$\frac{4}{100}$	0.5
$\frac{1}{2}$	0.25
$\frac{2}{10}$	0.2
$\frac{1}{4}$	0.04

☐
3 marks

7 Ian has 1 litre of paint.

He uses $\frac{3}{10}$ of the paint on the wall and $\frac{1}{10}$ of the paint on the door.

How many litres of paint does Ian have left?

1 mark for adding the fractions
Accept 0.6 litres $\frac{6}{10}$ litres

☐
2 marks

Circle how confident you feel with decimals.

1	2	3	4	5
Not confident				Very confident