

Name \_\_\_\_\_

1 Max has made a number on a place value grid.

Ones	Tenths	Hundredths
	0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01

Write Max's number as a decimal.

0.35

1 mark

Write Max's number as a fraction.

$\frac{35}{100}$

1 mark

What is Max's number rounded to the nearest tenth?

0.4

1 mark

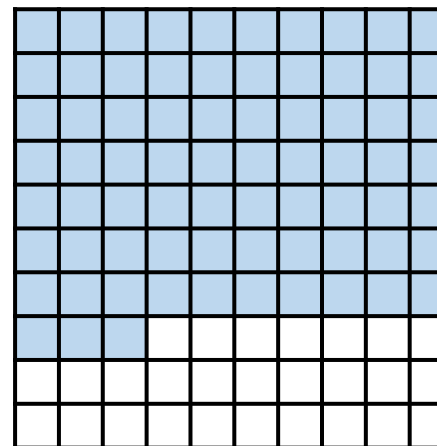
2 Match the decimal with the correct value of the underlined digit.

0.5 <u>3</u>		3 ones
0. <u>3</u> 5		3 hundredths
<u>3</u> 5		3 tenths
5 <u>3</u> .6		3 tens

Allow one mark for 2 answers correctly matched.

2 marks for all four answers correctly matched.

3 Here is a hundred square.



What percentage of the square is shaded?

73%

1 mark

What fraction of the square is shaded?

$\frac{73}{100}$

1 mark

2 marks

4 Complete the fractions.

$$\frac{43}{100} = \frac{4}{10} + \frac{3}{100}$$

$$\frac{79}{100} = \frac{7}{10} + \frac{9}{100}$$

5 There are 1,000 people at a concert.  
481 of the people are men.  
What fraction of the people are men?

$$\frac{481}{1000}$$

  
3 marks

Write the fraction of men as a decimal.

$$0.481$$

  
1 mark  
1 mark

6 4 children are measuring their height.

- Emily - 1.43 metres
- Junaid - 1.47 metres
- Lucas - 1.4 metres
- Sita - 1.39 metres

Order the children from tallest to shortest.

Junaid      Emily      Lucas      Sita

  
2 marks

Sami is taller than Lucas but Shorter than Emily.  
How tall could Sami be?

$$\underline{1.42 \text{ or } 1.41 \text{ metres}}$$

  
1 mark

7 Maryam is running a 1 kilometre race.  
She has ran  $\frac{345}{1000}$  of the race so far.  
How many metres has Maryam run?

$$\underline{345 \text{ metres}}$$

  
1 mark

What fraction of the race does she have left to run?

$$\frac{655}{1000}$$

  
1 mark

8 Ben has £200  
He spends £65 on a coat and £35 on some trainers.  
What fraction of his money has Ben spent?

1 mark for  $\frac{100}{200}$

$$\frac{1}{2}$$

  
2 marks

Ben spends 24% of his remaining money on a computer game.  
How much money does Ben have left?

$$\underline{\pounds 76}$$

  
1 mark

Circle how confident you feel with decimals and percentages.

- 1      2      3      4      5  
Not      Very  
confident      confident