

Decimals and percentages

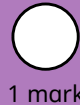
A

Name _____

- 1 Max has made a number on the place value chart.

Ones	Tenths	Hundredths
	<div style="display: flex; justify-content: space-around;"> 0.1 0.1 0.1 </div>	<div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> 0.01 0.01 0.01 0.01 0.01 </div>

Write Max's number as a decimal.



1 mark

Write Max's number as a fraction.



1 mark

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



1 mark

- 2 Match each number to the correct value of the underlined digit.

0.53

3 ones

0.35

3 hundredths

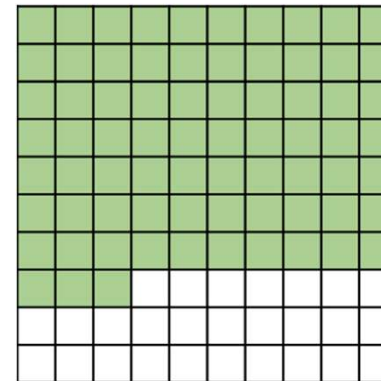
35

3 tenths

53.6

3 tens

- 3 Here is a hundred square.



What percentage is shaded?



2 marks

What fraction is shaded?



1 mark



1 mark

4 Complete the fractions.

$$\frac{43}{100} = \frac{4}{10} + \frac{\square}{100} \quad \frac{\square}{10} + \frac{9}{\square} = \frac{79}{100}$$

3 marks

5 There are 1000 people at a concert.
481 of the people are children.

What fraction of the people are children?

1 mark

Write the fraction of children as a decimal.

1 mark

6 Mo is running a 1 kilometre race.
He runs $\frac{345}{1000}$ of the race.

How many metres has Mo run so far?

1 mark

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

1 mark

7 This table shows the heights of 4 children.

Name	Height in m
Alex	1.43
Jack	1.47
Tommy	1.4
Whitney	1.39

Order the children from tallest to shortest.

2 marks

Dora is taller than Tommy but shorter than Alex.
How tall could Dora be?

1 mark

8 Ron has £200
He spends £65 on a coat and £35 on some trainers.

What fraction of his money has Ron spent?

2 marks

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

1 mark