

Decimals



Name: _____

1 Here is a number.



Complete the sentences.

There are ones, tenths and hundredths.

The number is

1 mark

1 mark

2 What is the value of the 3 in each number?

12.36 _____

1 mark

45.031 _____

1 mark

3 What is $1.603 + 5 \text{ hundredths}$?

1 mark

4 Max writes a number on the place value chart.

Hundreds	Tens	Ones	Tenths
		1	9

He multiplies the number by 10

Write the answer on the place value chart.

Hundreds	Tens	Ones	Tenths

1 mark

Max multiplies the starting number by 100

Write the answer on the place value chart.

Hundreds	Tens	Ones	Tenths

1 mark

5 Complete the calculations.

$27 \div 10 =$

1 mark

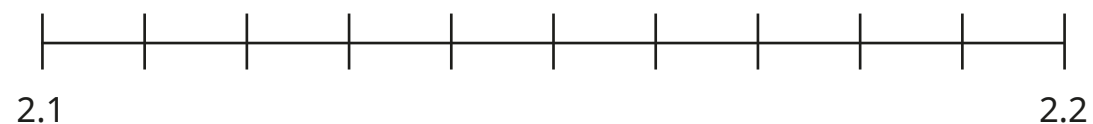
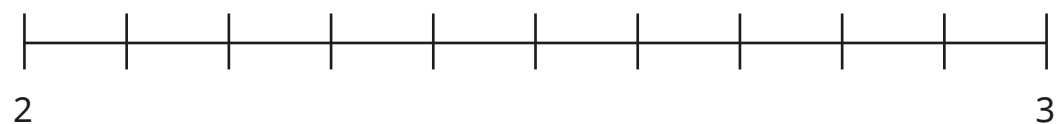
$25.9 \times 10 =$

1 mark

$3.65 \times$ $= 365$

1 mark

- 6 Draw arrows to show the position of 2.15 on each number line.


1 mark
1 mark

- 7 Ron travels 2.3 miles to school.
Dexter travels 4 times further than Ron.
How far does Dexter travel?

 miles
1 mark

- 8 Complete the divisions.

$9.6 \div 3 = \square$

1 mark

$9.6 \div 6 = \square$

1 mark

- 9 Esther buys a pack of pens and a ruler.
The pens cost 3 times as much as the ruler.
Esther spends £7.20 in total.
How much does the ruler cost?

£
2 marks

- 10 Circle the decimals that round to 3.2 to the nearest tenth.

3.321**3.239****3.125****3.171****3.711**
1 mark

- 11 Bargain Busters sell four tins of soup for £3.76
Cost Cutters sell three tins of soup for £2.85
Which shop offers better value?
Show your workings.

2 marks