

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 8 in each number?

19.85 _____

1 mark

23.084 _____

1 mark

- 3 What is $1.704 + 3$ hundredths?

1 mark

- 4 Max writes a number on the place value chart.

Hundreds	Tens	Ones	Tenths
		3	7

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.

$18 \div 10 = \boxed{}$

1 mark

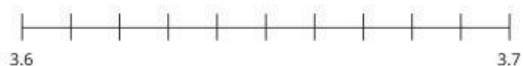
$18.7 \times 10 = \boxed{}$

1 mark

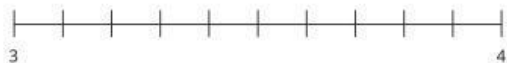
$1.84 \times \boxed{} = 1,840$

1 mark

- 6 Draw arrows to show the position of 3.65 on each number line.



☐
1 mark



☐
1 mark

- 7 Ron travels 1.6 miles to school.
Dexter travels 3 times further than Ron.
How far does Dexter travel?

miles

☐
1 mark

- 8 Complete the divisions.

$$8.4 \div 4 = \boxed{}$$

☐
1 mark

$$8.4 \div 3 = \boxed{}$$

☐
1 mark

- 9 Esther buys a pack of pens and a ruler.
The pens cost 4 times as much as the ruler.
Esther spends £6.80 in total.
How much does the ruler cost?

£

☐
2 marks

- 10 Circle the decimals that round to 4.7 to the nearest tenth.

4.814

4.738

4.698

4.623

4.888

☐
1 mark

- 11 Bargain Busters sell four tins of soup for £3.68
Cost Cutters sell three tins of soup for £2.73
Which shop offers better value?
Show your workings.

☐
2 marks