

Place Value and Ordering Numbers

For AQA GCSE Mathematics (8300) • Foundation tier

Name _____

Total marks: **24**

Answer **all** questions in the spaces provided. Show your working: marks are given for correct method.

1 (a) Write the number 40 307 in words.

[1 mark]

(b) Write the number two million, fifty thousand and six in figures.

[1 mark]

Answer _____

2 What is the value of the 7 in the number 3.078?

Circle your answer.

[1 mark]

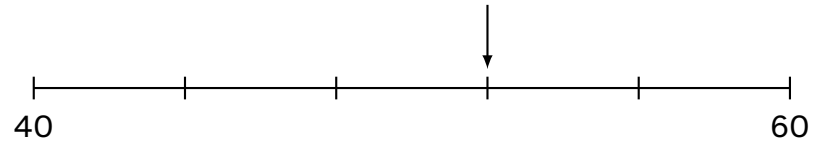
7 tens

7 tenths

7 hundredths

7 thousandths

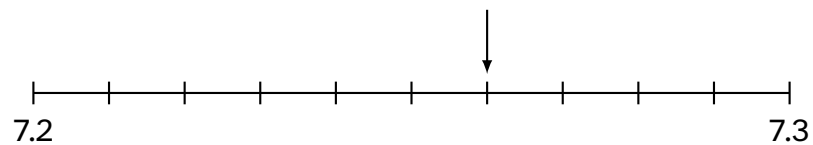
- 3 (a) Write down the number the arrow is pointing to.



[1 mark]

Answer _____

- (b) Write down the number the arrow is pointing to.



[1 mark]

Answer _____

- 4 Circle the value of the digit 5 in 20.465

[1 mark]

5

$\frac{5}{10}$

$\frac{5}{100}$

$\frac{5}{1000}$

- 5 Circle the largest number.

[1 mark]

0.45

0.5

0.405

0.451

- 6** Write these numbers in order of size.
Start with the smallest number.

0.3 0.28 0.305 0.03 0.301

[2 marks]

Answer _____

- 7** Write these numbers in order of size.
Start with the smallest number.

-4 2 -7 0 -1.5

[2 marks]

Answer _____

- 8** Write < or > in each box.

0.6 0.59

-3 -5

1.07 1.7

[3 marks]

9 (a) Work out 3.6×100

[1 mark]

Answer _____

(b) Work out $52 \div 1000$

[1 mark]

Answer _____

(c) Work out 0.7×10

[1 mark]

Answer _____

10 Circle the number that is 100 more than 9 950

[1 mark]

9 960

10 050

10 950

19 950

11 Freya says,

‘0.36 is bigger than 0.4 because 36 is bigger than 4’

Is she correct? Tick a box.

Give a reason for your answer.

[1 mark]

☐ Yes

☐ No

12 Here are five cards.

1	3	4	7	.
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Using each of the cards once, write down the largest number less than 500

[2 marks]

Answer _____

13 Write down a number that is greater than 2.4 and less than 2.41

[1 mark]

Answer _____

14 You are given that $23 \times 47 = 1081$

(a) Work out 2.3×4.7

[1 mark]

Answer _____

(b) Work out $10\,810 \div 47$

[1 mark]

Answer _____