

Decimals

Please write clearly in block capitals

Forename:

Surname:

Materials

For this paper you must have:

- mathematical instruments



You must **not** use a calculator.

Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- You may ask for graph paper, tracing paper and more answer paper. These must be tagged securely to this answer book.

Advice

- In all calculations, show clearly how you work out your answer.

1(a) Which decimal is equivalent to 78.5%?

[1 mark]

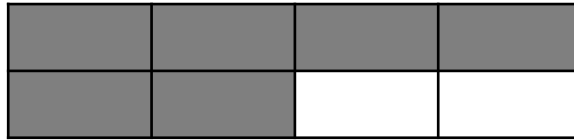
78.5

7.85

0.785

0.0785

1(b) Which decimal describes the shaded part of this shape?



[1 mark]

0.6

0.75

6.0

7.5

1(c) In the number 5.054, what is the value of the 4?

[1 mark]

4 ones

4 tenths

4 hundredths

4 thousandths

Turn over for next question

2(a) What is the value of the number 9 in 5.896?

[1 mark]

Answer _____

2(b) What is the number in the tenths position in 658.507?

[1 mark]

Answer _____

3(a) Which of the following, results in the largest answer:

0.1×0.2

1×0.2

2.1×1.2

1.1×2.1

[1 mark]

Answer _____

3(b) Write the following number with numerals:

eight hundred and, four hundredths and one thousandths.

[1 mark]

Answer _____

Turn over for next question

Turn over ►

4(a) Calculate the following:

$$6.15 + 15.76$$

[1 mark]

Answer _____

4(b) Calculate the following:

$$10.76 - 8.9$$

[1 mark]

Answer _____

5(a) Calculate the following:

$$14.09 + 26.78$$

[1 mark]

Answer _____

5(b) Calculate the following:

$$25.8 - 17.85$$

[1 mark]

Answer _____

Turn over for next question

6(a) How many decimal places will be in the product of the following expression?

$$13.1 \times 2.9$$

[1 mark]

Answer _____

6(b) What is the value of the digit in the hundredths place after subtraction?

$$48.03 - 21.20$$

[2 marks]

Answer _____



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