

Paper Reference ANM10/1B
Pearson
Edexcel Award

Total Marks

Number and Measure
Level 1
Section B
(Non-Calculator)

Thursday 7 January 2021 – Morning

Time: 30 minutes plus your additional time allowance.

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

YOU MUST HAVE

Ruler, protractor, writing and drawing equipment.

YOU WILL BE GIVEN

Diagram Book

INSTRUCTIONS

Answer ALL questions.

Answer the questions in the spaces provided in this Question Paper or on the separate diagrams – there may be more space than you need.

CALCULATORS MUST NOT BE USED.

INFORMATION

The total mark for this section is 30

The total mark for this paper is 80

The marks for EACH question are shown in brackets – use this as a guide as to how much time to spend on each question.

ADVICE

Read each question carefully before you start to answer it.

Keep a check on the time.

Try to answer every question.

Check your answers if you have time at the end.

Section B

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

You must NOT use a calculator for this section.

1. (a) Work out

$$674 + 126 + 43$$

(2 marks)

(continued on the next page)

1. continued.

(b) Work out

$$56 - 23 \cdot 7$$

(2 marks)

(continued on the next page)

1. continued.

(c) Work out

$$283 \times 7$$

(2 marks)

(Total for Question 1 is 6 marks)

2. (a) Work out

$$89 \times 1000$$

(1 mark)

(b) Work out

$$7 \times 8$$

(1 mark)

(c) Write the number

SIX HUNDRED AND FIFTEEN in figures.

(1 mark)

(Total for Question 2 is 3 marks)

3. (a) Write these five numbers in order of size.
Start with the smallest number.
(1 mark)

342 983 16 9 796

- (b) Write these five percentages in order of size.
Start with the smallest percentage.
(1 mark)

99% 78% 6% 75% 18%

(continued on the next page)

3. continued.

(c) Write these five numbers in order of size.

Start with the smallest number.

(1 mark)

8.4

9.32

8.44

8.09

9.9

(d) Write these four fractions in order of size.

Start with the smallest fraction.

(1 mark)

$\frac{1}{2}$

$\frac{1}{4}$

$\frac{5}{12}$

$\frac{2}{6}$

(Total for Question 3 is 4 marks)

4. (a) Look at the diagram for Question 4(a) in the Diagram Book.

It shows a shape divided into equal sections.

What fraction of this shape is shaded?

(1 mark)

Here are five fractions.

$$\frac{1}{3}$$

$$\frac{1}{6}$$

$$\frac{9}{12}$$

$$\frac{1}{8}$$

$$\frac{2}{12}$$

- (b) (i) Which two of these fractions are equivalent?

(1 mark)

_____ and _____

(continued on the next page)

4. (b) continued.

(ii) Work out

$$\frac{9}{12} - \frac{2}{12}$$

(1 mark)

(iii) Write $\frac{9}{12}$ as a fraction in its simplest form.

(1 mark)

(Total for Question 4 is 4 marks)

5. (a) Look at the diagram for Question 5(a) in the Diagram Book.

It shows an angle marked X

Measure the size of the angle marked X

(1 mark)



- (b) In the space below, draw a straight line 10 cm long.

(1 mark)

(Total for Question 5 is 2 marks)

6. Leon buys 4 trees at £19.95 each.

Which of these amounts gives a sensible estimate for the total cost?

A £5

B £8

C £24

D £80

E £800

(Total for Question 6 is 1 mark)

7. Look at the table for Question 7 in the Diagram Book.

It shows part of a train timetable from Swindon to Westbury.

(a) At what time should the **12 47** train from Swindon get to Westbury?

(1 mark)

A train from Swindon should get to Trowbridge at **09 33**

(b) At what time should this train leave Swindon?

(1 mark)

(continued on the next page)

7. continued.

Millie catches the **13 29** train from Swindon.

(c) How long should this train take to get to Westbury?

(1 mark)

_____ minutes

(continued on the next page)

7. continued.

Zain is going to catch a train from Chippenham to Westbury.

He needs to get to Westbury by 12 noon.

(d) What time is the latest train he can catch from Chippenham?

(1 mark)

(Total for Question 7 is 4 marks)

8. Look at the diagram for Question 8 in the Diagram Book.

It shows a number line.

(a) Use the number line to work out

(i) $-6 + 9$

(1 mark)

(ii) $5 - 9 + 3$

(1 mark)

(continued on the next page)

8. continued.

(b) Write these five numbers in order of size.

Start with the smallest number.

(1 mark)

-2

5

-5

1

-3

(Total for Question 8 is 3 marks)

9. (a) Which METRIC unit could be used to give the weight of a packet of crisps?
(1 mark)

- (b) Which IMPERIAL unit could be used to give the height of a tree?
(1 mark)

(continued on the next page)

9. continued.

- (c) Change 4·32 metres into centimetres.
(1 mark)

_____ centimetres

(Total for Question 9 is 3 marks)

TOTAL FOR SECTION B IS 30 MARKS

TOTAL FOR PAPER IS 80 MARKS

END OF PAPER
