

Paper Reference ANM10/1B  
Pearson  
Edexcel Award

Total Marks
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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.**

**Turn over**

**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.**

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## **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)

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(continued on the next page)

Turn over

**1. continued.**

**(b) Work out**

$$56 - 23 \cdot 7$$

**(2 marks)**

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**(continued on the next page)**

**Turn over**

**1. continued.**

**(c) Work out**

$$\mathbf{283 \times 7}$$

**(2 marks)**

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**(Total for Question 1 is 6 marks)**

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**Turn over**

2. (a) Work out  
 $89 \times 1000$   
(1 mark)

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- (b) Work out  
 $7 \times 8$   
(1 mark)

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- (c) Write the number  
**SIX HUNDRED AND FIFTEEN** in figures.  
(1 mark)

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(Total for Question 2 is 3 marks)

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

342            983            16            9            796

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

99%            78%            6%            75%            18%

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(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

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

Start with the smallest fraction.

(1 mark)

$\frac{1}{2}$

$\frac{1}{4}$

$\frac{5}{12}$

$\frac{2}{6}$

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(Total for Question 3 is 4 marks)

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Turn over

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)

Turn over

4. (b) continued.

(ii) Work out

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

(1 mark)

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

(1 mark)

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**(Total for Question 4 is 4 marks)**

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**Turn over**

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)

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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

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(Total for Question 6 is 1 mark)

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Turn over

- 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)**

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

- (b) At what time should this train leave Swindon?**  
**(1 mark)**

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**(continued on the next page)**

**Turn over**

**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)**

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**(Total for Question 7 is 4 marks)**

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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)

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(ii)  $5 - 9 + 3$

(1 mark)

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(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**

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**(Total for Question 8 is 3 marks)**

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

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

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(continued on the next page)

9. continued.

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

\_\_\_\_\_ centimetres

(Total for Question 9 is 3 marks)

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**TOTAL FOR SECTION B IS 30 MARKS**

**TOTAL FOR PAPER IS 80 MARKS**

**END OF PAPER**

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