

**Paper Reference ANM10/1B**

**Pearson**

**Edexcel Award**

Total Marks

# **Number and Measure**

**Level 1**

**Section B**

**(Non-Calculator)**

**Tuesday 7 January 2020 – Morning**

**Time: 30 minutes plus your additional  
time allowance.**

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

<b>Surname</b>					
<b>Other names</b>					
<b>Centre Number</b>					
<b>Candidate Number</b>					

**Y63047A**

**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.**

**Turn over**

**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.**

**There may be spare copies of some diagrams.**

**Turn over**

## **ADVICE**

**Read each question carefully before you start to answer it.**

**Keep an eye 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.**

**Turn over**

1. (a) Work out

$$9 \times 8$$

(1 mark)

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(b) Work out

$$62\,000 \div 100$$

(1 mark)

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(continued on the next page)

Turn over

**1. continued.**

**(c) Write the number 704 in words.**

**(1 mark)**

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**(Total for Question 1 is 3 marks)**

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**Turn over**

**8**

- 2. Martin buys 8 mugs for £3·85 each.**

**Which of these amounts gives a sensible estimate for the total cost of the 8 mugs?**

**A £0·50**

**B £3·20**

**C £4·00**

**D £32**

**E £320**

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**(Total for Question 2 is 1 mark)**

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**Turn over**

3. (a) Write down a METRIC unit that can be used to give the amount of milk in a carton.

(1 mark)

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- (b) Write down an IMPERIAL unit that can be used to give the height of a box.

(1 mark)

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**(Total for Question 3 is 2 marks)**

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**Turn over**

4. (a) Write these five numbers in order of size.

Start with the smallest number.

0.73   0.7   0.67   0.6   0.09

(1 mark)

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(continued on the next page)

Turn over

**4. continued.**

**(b) Write these five percentages in order of size.**

**Start with the smallest percentage.**

**72%   17%   26%   8%   79%**

**(1 mark)**

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**(continued on the next page)**

**Turn over**

**4. continued.**

**(c) Write these five amounts of money in order of size.**

**Start with the smallest amount.**

**£3·37    78 pence    632 pence**

**£5·97    463 pence**

**(1 mark)**

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**(Total for Question 4 is 3 marks)**

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**Turn over**

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

It shows a line **AB**

Measure the length of the line **AB**

Give your answer in centimetres.  
(1 mark)

\_\_\_\_\_ cm

(continued on the next page)

Turn over

**5. continued.**

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

**It shows a line with a point  $X$**

**Draw an angle of  $130^\circ$  at point  $X$   
(1 mark)**

**(Total for Question 5 is 2 marks)**

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**Turn over**

6. (a) Work out

$$1435 + 257 + 42$$

(2 marks)

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(continued on the next page)

Turn over

**6. continued.**

**(b) Work out**

$$783 \times 6$$

**(2 marks)**

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**(continued on the next page)**

**Turn over**

**6. continued.**

**(c) Work out**

$$261 \div 3$$

**(2 marks)**

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**(continued on the next page)**

**Turn over**

**6. continued.**

**(d) Work out**

$$51 - 16 \cdot 7$$

**(2 marks)**

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**(Total for Question 6 is 8 marks)**

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**Turn over**

- 7. Look at the diagram for Question 7(a) in the Diagram Book.**

**It shows a shape divided into equal sections.**

- (a) What fraction of the shape is shaded?**  
**(1 mark)**

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**(continued on the next page)**

**Turn over**

**7. continued.**

**(b) Write**

$$\frac{8}{20}$$

**as a fraction in its simplest form.**

**(1 mark)**

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**(continued on the next page)**

**Turn over**

**7. continued.**

**(c) Write 31% as a fraction.**

**(1 mark)**

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**(continued on the next page)**

**Turn over**

**7. continued.**

**(d) Work out**

$$\frac{8}{11} - \frac{3}{11}$$

**(1 mark)**

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**(continued on the next page)**

**Turn over**

**7. continued.**

**(e) Here are five fractions.**

$$\frac{7}{12} \quad \frac{15}{18} \quad \frac{1}{2} \quad \frac{5}{6} \quad \frac{2}{9}$$

**(i) Which of these fractions is the smallest?**

**(1 mark)**

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**(continued on the next page)**

**Turn over**

7. (e) continued.

Remember:

Here are five fractions.

$$\frac{7}{12}$$

$$\frac{15}{18}$$

$$\frac{1}{2}$$

$$\frac{5}{6}$$

$$\frac{2}{9}$$

(ii) Write down the two  
equivalent fractions.  
(1 mark)

\_\_\_\_\_ and \_\_\_\_\_

**(Total for Question 7 is 6 marks)**

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Turn over

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

It shows a rectangle.

It is 7 cm long and 4 cm wide.

Work out the perimeter of the rectangle.

\_\_\_\_\_ cm

(Total for Question 8 is 2 marks)

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Turn over

9. Look at the diagram for Question 9 in the Diagram Book.

It shows a number line.

- (a) Write these six numbers in order of size.

Start with the smallest number.

$-4$      $3$      $-1$      $5$      $0$      $-3$

(1 mark)

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(continued on the next page)

Turn over

**9. continued.**

**Use the number line to work out**

**(b)  $4 - 7$**

**(1 mark)**

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**(continued on the next page)**

**Turn over**

**9. continued.**

**Remember:**

**Use the number line to work out**

**(c)  $5 - 8 + 7$**

**(1 mark)**

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**(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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