Pearson Edexcel Award

Time 30 minutes

Paper reference **ANM10/1B**

Number and Measure

Level 1
Section B (Non-Calculator)

You must have:
Ruler graduated in centimetres and millimetres, protractor, pen, HB pencil, eraser.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
  – *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.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ▶

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) Write these percentages in order of size.
Start with the smallest percentage.

85% 15% 29% 7% 72%

....

(1)

(b) Write these numbers in order of size.
Start with the smallest number.

0.85 0.7 0.78 0.9 0.08

....

(1)

(Total for Question 1 is 2 marks)

2 (a) Work out 7×6

....

(1)

(b) Work out 64×1000

....

(1)

(c) Write the number 46.8 to the nearest whole number.

....
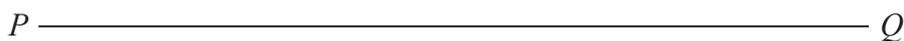
(1)

(Total for Question 2 is 3 marks)

3   Maria buys 6 tins of paint for £18.49 each tin.

Which one of these amounts gives a sensible estimate for the total cost of the 6 tins
of paint?

A   £0.50
B   £3.00
C   £24.00
D   £120.00
E   £320.00

....

(Total for Question 3 is 1 mark)

4   (a) Measure the length of the line *PQ*.
Give your answer in centimetres.

P ———————————————————————— *Q*

.... cm

(1)

(b) Draw an angle of 75° at point *A*.

A ———————————————

(1)

(Total for Question 4 is 2 marks)

5 (a) Work out   2375 + 307 + 84

....

(b) Work out   763 × 4

....

(2)

(c) Work out   57.14 – 15.2

....

(2)

(Total for Question 5 is 6 marks)

6 (a) What fraction of this shape is shaded?

....
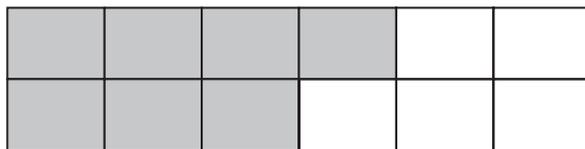
(1)

(b) Write $\dfrac{9}{15}$ as a fraction in its simplest form.

....

(1)

(c) Write down a fraction that is equivalent to $\dfrac{1}{3}$

....

(1)

(d) Work out $\dfrac{2}{17} + \dfrac{9}{17}$

....

(1)

(e) Write $\dfrac{4}{5}$ as a decimal.

....

(1)

(f) Write 60% as a fraction.

....

(1)

(Total for Question 6 is 6 marks)

Turn over ▶

7 (a) Write down a **metric** unit that can be used to give the length of a room.

....
(1)

(b) Write down an **imperial** unit that can be used to give the volume of milk in a glass.

....
(1)

(Total for Question 7 is 2 marks)

8 Here is a rectangle.

12 cm

10 cm
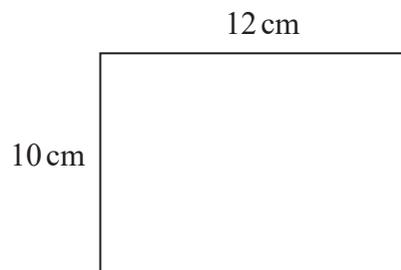
Work out the perimeter of the rectangle.

....cm

(Total for Question 8 is 2 marks)

9 (a) Write down a multiple of 8

....
(1)

(b) Write down a factor of 9

....
(1)

(c) Write down the prime number that is greater than 5 and less than 11

....
(1)

(Total for Question 9 is 3 marks)

10 Here is a number line.
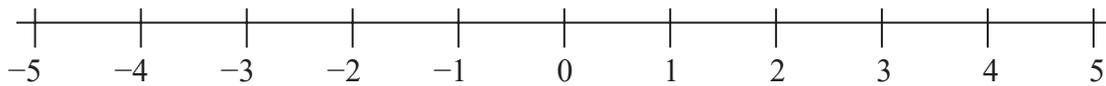
(a) Write these numbers in order of size.
Start with the smallest number.

$$-2 \qquad 5 \qquad -4 \qquad 3 \qquad 0 \qquad -1$$

....
(1)

Use the number line to work out

(b) $-4 + 7$

....
(1)

(c) $2 - 6 + 5$

....
(1)

(Total for Question 10 is 3 marks)

TOTAL FOR SECTION B IS 30 MARKS
TOTAL FOR PAPER IS 80 MARKS

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