Pearson Edexcel Award

Time 30 minutes

Paper reference **ANM20/2B**

Number and Measure
Level 2
Section B (Non-Calculator)

You must have:
Ruler, protractor.

YOU WILL BE GIVEN:
Nil

Total Marks

Instructions

- Write your name, centre number and candidate number on your answer paper.
- Answer **ALL** questions.
- Answer the questions on your answer paper.
- **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, for example: [2 marks]
  – *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.
- [A contents page for this examination paper will be found as a separate booklet. This is to assist the candidate in locating selected books].

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Section B

Answer ALL questions.

Write your answers on your answer paper.

You must write down all the stages in your working.

You must NOT use a calculator for this section.

1 Write the eight numbers below in order of size.

Start with the smallest number.

$$-3 \qquad 5 \qquad 7 \qquad 3 \qquad -6 \qquad -4 \qquad 8 \qquad -1$$

(Total for Question 1 is 1 mark)

2 There are 21 apples and 35 oranges in a box.

Write as a ratio the number of apples to the number of oranges.
Give your answer in its simplest form.

(Total for Question 2 is 2 marks)

3 Divide 54 in the ratio 2 : 7

(Total for Question 3 is 2 marks)

4 Write the number 114.5667 correct to 2 decimal places.

(Total for Question 4 is 1 mark)

5 (a) Work out $118 + 35.68 + 16.4 - 40$ **[2 marks]**

(b) Work out 56.74×6 **[2 marks]**

(Total for Question 5 is 4 marks)

Turn over ▶

6 Write 60 as a percentage of 300

Write your answer as a percentage (%)

(Total for Question 6 is 2 marks)

7 (a) Which is bigger,

$$\frac{1}{5} \text{ of } 50 \quad \text{or} \quad \frac{2}{3} \text{ of } 18?$$

You must show all your working. [3 marks]

(b) Write 90 centimetres as a fraction of 4 metres.
Give your answer in its simplest form. [2 marks]

(Total for Question 7 is 5 marks)

8 5 tins of beans of the same type cost £2.40

Work out the total cost of 9 of these tins of beans.
Write your answer in pounds (£).

(Total for Question 8 is 3 marks)

9 Work out an estimate that could be used to check the value of $\dfrac{19.7 \times 29.2}{0.51}$

(Total for Question 9 is 3 marks)

10 Work out $\dfrac{3}{7} \times \dfrac{2}{5}$

(Total for Question 10 is 1 mark)

11 The price of a cabinet is £260
In a sale, the price of the cabinet is reduced by 15%.

Work out the price of the cabinet in the sale.

Write your answer in pounds (£).

(Total for Question 11 is 3 marks)

12 Work out $3\frac{1}{3} + 2\frac{1}{4}$

Give your answer as a mixed number in its simplest form.

(Total for Question 12 is 3 marks)

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

END OF PAPER

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