

**Paper Reference ANM20/2B**  
**Pearson Edexcel Award**

<b>Total Marks</b>
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**Number and Measure**  
**Level 2**  
**Section B**  
**(Non-Calculator)**

**Time: 30 minutes**

**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>					

**YOU MUST HAVE**

**Ruler, writing and drawing equipment, protractor.**

**YOU WILL BE GIVEN**

**Nil**

**INSTRUCTIONS**

**Answer ALL questions.**

**Answer the questions in the spaces provided in this Question Paper – 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.**

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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. Write the eight numbers below in order of size.

Start with the smallest number.

**-4    2    -1    7    -3    1    -6    5**

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

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2. (a) Work out

$$12\,600 \div 35$$

(2 marks)

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(continued on the next page)

Turn over

**2. continued.**

**(b) Work out**

$$3000 - 57 \cdot 6$$

**(2 marks)**

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**(Total for Question 2 is 4 marks)**

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**Turn over**

3. On a ferry there are **24** lorries and **64** cars.

**Write as a ratio the number of lorries to the number of cars.**

**Give your answer in its simplest form.**

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

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4. Work out

$$\frac{5}{11} \times \frac{2}{7}$$

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**(Total for Question 4 is 1 mark)**

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**Turn over**

10

5. Write the number  $71.9934$  correct to 2 decimal places.

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(Total for Question 5 is 1 mark)

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Turn over

6. Divide 40 in the ratio 2 : 3

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(Total for Question 6 is 2 marks)

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7. (a) Which is bigger,

$$\frac{1}{7} \text{ of } 105 \quad \text{or} \quad \frac{2}{3} \text{ of } 21?$$

You must show all your working.

(3 marks)

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(continued on the next page)

7. continued.

(b) Write **80** as a fraction of **200**

Give your answer in its simplest form.

(2 marks)

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(Total for Question 7 is 5 marks)

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8. 9 jars of the same type have a total weight of 630 grams.

What is the total weight of 8 of these jars?

\_\_\_\_\_ grams

(Total for Question 8 is 3 marks)

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9. The total price of a chair is £85 plus 20% VAT.

Work out the total price of the chair.

£ \_\_\_\_\_

(Total for Question 9 is 3 marks)

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10. Using her calculator, Zoe has worked out

$$\frac{19 \cdot 4 \times 30 \cdot 6}{0 \cdot 48}$$

Her answer is **1236.75**

Using suitable approximations, check that her answer is sensible.

(3 marks)

Answer space continues on the next page.

10. continued.

(Total for Question 10 is 3 marks)

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11. (a) Work out

$$1\frac{3}{8} + \frac{5}{16}$$

(2 marks)

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(continued on the next page)

Turn over

11. continued.

(b) Work out

$$3\frac{1}{3} \times 1\frac{1}{7}$$

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

(3 marks)

Answer space continues on the next page.

11. (b) continued.

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**(Total for Question 11 is 5 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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