

**Paper Reference ANM20/2B**

**Pearson**

**Edexcel Award**

Total Marks

**Number and Measure**

**Level 2**

**Section B (Non-Calculator)**

**Thursday 3 May 2018 – 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>					

**V56957A**

**YOU MUST HAVE**

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

**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.**

**Keep an eye on the time.**

**Try to answer every question.**

**Check your answers if you have time at the end.**

## **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

$$-5 \times + 6$$

(1 mark)

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(b) Work out

$$-36 \div -4$$

(1 mark)

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

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**Turn over**

**2. (a) Work out**

$$2500 - 683$$

**(2 marks)**

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**(continued on the next page)**

**Turn over**

**2. continued.**

**(b) Work out**

$$29 \cdot 8 - 17 \cdot 79 - 4 \cdot 65 + 15 \cdot 93$$

**(2 marks)**

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

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**Turn over**

**3. (a) Work out**

$$6.4 \times 8$$

**(2 marks)**

**Answer space continues on the  
next page.**

**3. (a) continued.**



**(continued on the next page)**

**Turn over**

**3. continued.**

**(b) Work out**

$$45 \cdot 09 \div 6$$

**(2 marks)**

**Answer space continues on the  
next page.**

**3. (b) continued.**



**(continued on the next page)**

**Turn over**

**3. continued.**

- (c) Write the number  $15.9572$   
correct to two decimal places.  
(1 mark)**
- 

**(Total for Question 3 is 5 marks)**

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4. (a) Write **60** pence as a fraction  
of **£3**

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

**(2 marks)**



**(continued on the next page)**

**Turn over**

4. continued.

(b) Write 30 minutes as a percentage  
of  $2\frac{1}{2}$  hours.

(2 marks)

\_\_\_\_\_ %

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

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**Turn over**

15

5. Work out an estimate that could be used to check the value of

$$\frac{79 \times 21.3}{39.9}$$

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(Total for Question 5 is 3 marks)

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Turn over

**6. 3 identical mugs cost £6.99**

**What is the cost of 8 of these mugs?**

£ \_\_\_\_\_

**(Total for Question 6 is 3 marks)**

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**Turn over**

7. Work out

$$\frac{3}{4} \times \frac{3}{5}$$

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(Total for Question 7 is 1 mark)

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Turn over

- 8. The price of a lawn mower is £55  
This price is increased by 15%**

**Work out the new price of the lawn  
mower.**

**(3 marks)**

**Answer space continues on the next  
page.**

8. continued.

£ \_\_\_\_\_

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

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**Turn over**

9. Change  $5\frac{1}{2}$  feet into centimetres.

(1 foot = 30 cm)

\_\_\_\_\_ cm

(Total for Question 9 is 2 marks)

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Turn over

10. There are **24** spokes on a small wheel.  
There are **48** spokes on a large wheel.

**Write as a ratio the number of spokes on the small wheel to the number of spokes on the large wheel.**

**(1 mark)**

**Answer space continues on the next page.**

**10. continued.**

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**(Total for Question 10 is 1 mark)**

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**Turn over**

**11. Work out**

$$5\frac{7}{8} - 2\frac{1}{4}$$

**Give your answer as a mixed number.**

**(2 marks)**

**Answer space continues on the next page.**

**Turn over**

**11. continued.**

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**(Total for Question 11 is 2 marks)**

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**Turn over**

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**TOTAL FOR SECTION B IS 30 MARKS**

**TOTAL FOR PAPER IS 80 MARKS**

**END OF PAPER**

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