

**Paper Reference ANM20/2B**

**Pearson**

**Edexcel Award**

Total Marks

**Number and Measure**

**Level 2**

**Section B (Non-Calculator)**

**Thursday 2 May 2019 – 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>					

**Y59971A**

**YOU MUST HAVE**

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

**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.**

**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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**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.**

**Turn over**

**5**

- 1. Write these numbers in order of size.  
Start with the smallest number.**

**-2      6      -7      1      -5      -4      9**

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

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**Turn over**

**6**

**2. Divide 147 in the ratio 3 : 4**

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

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**Turn over**

3. **5 fans of the same type have a total weight of 35 kg**

**What is the total weight of 9 of these fans?**

**(3 marks)**

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

**3. continued.**

\_\_\_\_\_ kg

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

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**Turn over**



4. (a) Work out

$$-5 \times -8$$

(1 mark)

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(continued on the next page)

Turn over

**4. continued.**

**(b) Work out**

$$-7 + -4$$

**(1 mark)**

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

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**Turn over**

**5. (a) Work out**

$$4 \cdot 7 + 180 + 26 \cdot 52 - 21 \cdot 45$$

**(2 marks)**

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

**Turn over**

**5. (a) continued.**

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**(continued on the next page)**

**Turn over**

**5. continued.**

**(b) Work out**

$$14 \cdot 35 \times 9$$

**(2 marks)**

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

**Turn over**

**5. (b) continued.**

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**(Total for Question 5 is 4 marks)**

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**Turn over**

6. (a) Work out

$$\frac{1}{6} + \frac{5}{12}$$

(2 marks)

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(continued on the next page)

Turn over

**6. continued.**

**(b) Work out**

$$\frac{3}{7} \times \frac{9}{10}$$

**(1 mark)**

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

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**Turn over**



7. (a) Which is bigger,

$$\frac{1}{7} \text{ of } 91 \text{ or } \frac{1}{8} \text{ of } 96?$$

You must show all your working.

(3 marks)

Answer space continues on the  
next page.

Turn over

7. (a) continued.

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(continued on the next page)

Turn over

**7. continued.**

**(b) Write 7 as a fraction of 25**

**(1 mark)**

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**(Total for Question 7 is 4 marks)**

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**Turn over**

- 8. The total price of a mobile phone is  
£350 plus 20% VAT**

**Work out the total price of the mobile  
phone.**

**(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. Sally has worked out

$$\frac{41.6 \times 49.2}{0.52}$$

on her calculator.

Her answer is **3936**

Using suitable approximations, check that her answer is sensible.

(3 marks)

Answer space continues on the next page.

Turn over

**9. continued.**

**(Total for Question 9 is 3 marks)**

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**Turn over**

10. Write **520** as a percentage of **800**

\_\_\_\_\_ %

(Total for Question 10 is 2 marks)

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Turn over



**11. Work out**

$$5\frac{2}{3} - 1\frac{3}{5}$$

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

**(3 marks)**

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

**Turn over**

**11. continued.**

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**(Total for Question 11 is 3 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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