

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

<b>Total Marks</b>
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**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>					

**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.**

**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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## **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.**

**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?**

\_\_\_\_\_ kg

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

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4. (a) Work out

$$-5 \times -8$$

(1 mark)

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(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)

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(continued on the next page)

Turn over

5. continued.

(b) Work out

$$14.35 \times 9$$

(2 marks)

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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)

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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7. (a) Which is bigger,

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

You must show all your working.

(3 marks)

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(continued on the next page)

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

Work out the total price of the mobile phone.

£ \_\_\_\_\_

(Total for Question 8 is 3 marks)

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9. Sally has worked out

$$\frac{41 \cdot 6 \times 49 \cdot 2}{0 \cdot 52}$$

on her calculator.

Her answer is **3936**

Using suitable approximations, check that her answer is sensible.

(Total for Question 9 is 3 marks)

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

\_\_\_\_\_ %

(Total for Question 10 is 2 marks)

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11. Work out

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

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

Answer space continues on the next page.

(3 marks)

**11. continued.**

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**(Total for Question 11 is 3 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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