

Paper Reference ANM20/2B
Pearson
Edexcel Award

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|-------------|
| 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.

| | | | | | |
|-----------------------------|--|--|--|--|--|
| Surname | | | | | |
| Other names | | | | | |
| Centre Number | | | | | |
| Candidate Number | | | | | |

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.

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 these numbers in order of size.
Start with the smallest number.

-2 6 -7 1 -5 -4 9

(Total for Question 1 is 1 mark)

2. Divide 147 in the ratio 3:4

(Total for Question 2 is 2 marks)

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)

4. (a) Work out

$$-5 \times -8$$

(1 mark)

(b) Work out

$$-7 + -4$$

(1 mark)

(Total for Question 4 is 2 marks)

5. (a) Work out

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

(2 marks)

(continued on the next page)

5. continued.

(b) Work out

$$14.35 \times 9$$

(2 marks)

(Total for Question 5 is 4 marks)

6. (a) Work out

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

(2 marks)

(continued on the next page)

6. continued.

(b) Work out

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

(1 mark)

(Total for Question 6 is 3 marks)

7. (a) Which is bigger,

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

You must show all your working.

(3 marks)

(continued on the next page)

7. continued.

(b) Write 7 as a fraction of 25
(1 mark)

(Total for Question 7 is 4 marks)

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)

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.

(Total for Question 9 is 3 marks)

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

_____ %

(Total for Question 10 is 2 marks)

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.

(Total for Question 11 is 3 marks)

TOTAL FOR SECTION B IS 30 MARKS

TOTAL FOR PAPER IS 80 MARKS

END OF PAPER
