

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Centre Number

Candidate Number

Pearson Edexcel Award

Time 30 minutes

Paper
reference

ANM20/2B

Number and Measure

Level 2

Section B (Non-Calculator)

You must have:

Ruler graduated in centimetres and millimetres, protractor, pen,
HB pencil, eraser.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
– *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.

Turn over ►

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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 these numbers in order of size.

Start with the smallest number.

3 -1 -3 5 -2 6

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

- 2 Divide 84 in the ratio 3 : 4

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

- 3 Write the number 42.9945 correct to 2 decimal places.

.....
(Total for Question 3 is 1 mark)

DO NOT WRITE IN THIS AREA



4 (a) Work out $12750 \div 75$

.....
(2)

(b) Work out $2000 - 46.8$

.....
(2)

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

5 Work out $\frac{5}{6} \times \frac{7}{9}$

.....
(Total for Question 5 is 1 mark)



6 The total price of a heater is £350 plus 20% VAT.

Work out the total price of the heater.

£.....

(Total for Question 6 is 3 marks)

7 (a) Which is bigger,

$$\frac{1}{4} \text{ of } 80 \text{ or } \frac{2}{3} \text{ of } 27?$$

You must show all your working.

.....
(3)

(b) Write 40 as a fraction of 100
Give your answer in its simplest form.

.....
(2)

(Total for Question 7 is 5 marks)

DO NOT WRITE IN THIS AREA



8 There are 12 boys and 18 girls in a class.

Write as a ratio the number of boys in the class to the number of girls in the class.
Give your answer in its simplest form.

.....

(Total for Question 8 is 2 marks)

9 6 pens of the same type have a total weight of 240 grams.

What is the total weight of 5 of these pens?

..... grams

(Total for Question 9 is 3 marks)

10 Using his calculator, Patrick has worked out $\frac{7.6 \times 29.4}{0.48}$

His answer is 465.5

Using suitable approximations, check that his answer is sensible.

(Total for Question 10 is 3 marks)



11 (a) Work out $4\frac{3}{4} - 2\frac{1}{3}$

.....
(2)

(b) Work out $2\frac{1}{2} \times 3\frac{2}{7}$

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

.....
(3)

.....
(Total for Question 11 is 5 marks)

TOTAL FOR SECTION B IS 30 MARKS
TOTAL FOR PAPER IS 80 MARKS

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