

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Centre Number

Candidate Number

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## 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.

-4    2    -1    7    -3    1    -6    5

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

- 2 (a) Work out  $12\,600 \div 35$

.....  
(2)

- (b) Work out  $3000 - 57.6$

.....  
(2)

(Total for Question 2 is 4 marks)

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- 3 On a ferry there are 24 lorries and 64 cars.

Write as a ratio the number of lorries to the number of cars.  
Give your answer in its simplest form.

.....  
(Total for Question 3 is 2 marks)

- 4 Work out  $\frac{5}{11} \times \frac{2}{7}$

.....  
(Total for Question 4 is 1 mark)

- 5 Write the number 71.9934 correct to 2 decimal places.

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

- 6 Divide 40 in the ratio 2:3

.....  
(Total for Question 6 is 2 marks)



7 (a) Which is bigger,

$$\frac{1}{7} \text{ of } 105 \quad \text{or} \quad \frac{2}{3} \text{ of } 21?$$

You must show all your working.

.....  
(3)

(b) Write 80 as a fraction of 200  
Give your answer in its simplest form.

.....  
(2)

(Total for Question 7 is 5 marks)

8 9 jars of the same type have a total weight of 630 grams.

What is the total weight of 8 of these jars?

..... grams

(Total for Question 8 is 3 marks)



- 9 The total price of a chair is £85 plus 20% VAT.

Work out the total price of the chair.

£.....

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

- 10 Using her calculator, Zoe has worked out

$$\frac{19.4 \times 30.6}{0.48}$$

Her answer is 1236.75

Using suitable approximations, check that her answer is sensible.

**(Total for Question 10 is 3 marks)**



11 (a) Work out  $1\frac{3}{8} + \frac{5}{16}$

.....  
(2)

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

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

.....  
(3)

(Total for Question 11 is 5 marks)

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



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