

Write your name here

Surname

Other names

**Pearson**  
**Edexcel Award**

Centre Number

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Candidate Number

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## Number and Measure

### Level 2

### Section B (Non-Calculator)

Thursday 3 May 2018 – Morning

**Time: 30 minutes**

Paper Reference

**ANM20/2B**

**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.
- Keep an eye on the time.
- 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 (a) Work out  $-5 \times +6$

(1)

(b) Work out  $-36 \div -4$

(1)

(Total for Question 1 is 2 marks)

2 (a) Work out  $2500 - 683$

(2)

(b) Work out  $29.8 - 17.79 - 4.65 + 15.93$

(2)

(Total for Question 2 is 4 marks)

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3 (a) Work out  $6.4 \times 8$

(2)

(b) Work out  $45.09 \div 6$

(2)

(c) Write the number 15.9572 correct to two decimal places.

(1)

(Total for Question 3 is 5 marks)

- 4 (a) Write 60p as a fraction of £3  
Give your answer in its simplest form.

(2)

- (b) Write 30 minutes as a percentage of  $2\frac{1}{2}$  hours.

(2)

(Total for Question 4 is 4 marks)

- 5 Work out an estimate that could be used to check the value of

$$\frac{79 \times 21.3}{39.9}$$

(Total for Question 5 is 3 marks)

- 6 3 identical mugs cost £6.99

What is the cost of 8 of these mugs?

(Total for Question 6 is 3 marks)

7 Work out  $\frac{3}{4} \times \frac{3}{5}$

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(Total for Question 7 is 1 mark)

- 8 The price of a lawn mower is £55  
This price is increased by 15%

Work out the new price of the lawn mower.

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(Total for Question 8 is 3 marks)

- 9 Change  $5\frac{1}{2}$  feet into centimetres.  
(1 foot = 30 cm)

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(Total for Question 9 is 2 marks)

- 10 There are 24 spokes on a small wheel.  
There are 48 spokes on a large wheel.

Write as a ratio the number of spokes on the small wheel to the number of spokes on the large wheel.

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(Total for Question 10 is 1 mark)

- 11 Work out  $5\frac{7}{8} - 2\frac{1}{4}$

Give your answer as a mixed number.

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(Total for Question 11 is 2 marks)

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

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