Write your name here

| Surname | Other names |
|---|---|
| | |

**Pearson**
**Edexcel Award**

Centre Number

Candidate Number

**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* ▶

**Pearson**

**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)**

**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)**

*Turn over* ▶

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

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

**(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 $\dfrac{3}{4} \times \dfrac{3}{5}$

**(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.

**(Total for Question 8 is 3 marks)**

**9** Change $5\dfrac{1}{2}$ feet into centimetres.

(1 foot = 30 cm)

**(Total for Question 9 is 2 marks)**

*Turn over* ▶

**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.

**(Total for Question 10 is 1 mark)**

**11** Work out $\quad 5\dfrac{7}{8} - 2\dfrac{1}{4}$

Give your answer as a mixed number.

**(Total for Question 11 is 2 marks)**

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

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