

Paper Reference ANM10/1B
Pearson
Edexcel Award

Total Marks

Number and Measure
Level 1
Section B (Non-Calculator)

Thursday 3 May 2018 – 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.

YOU WILL BE GIVEN

Diagram Book

INSTRUCTIONS

Answer ALL questions.

Answer the questions in the spaces provided in this Question Paper or on the separate diagrams – there may be more space than you need.

CALCULATORS MUST NOT BE USED.

Turn over

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.

There may be spare copies of some diagrams.

Turn over

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.

Turn over

1. (a) Work out

$$**5176 + 213 + 38**$$

(2 marks)

(continued on the next page)

Turn over

1. continued.

(b) Work out

$$\mathbf{953 \times 5}$$

(2 marks)

(continued on the next page)

Turn over

1. continued.

(c) Work out

$$\mathbf{282 \div 6}$$

(2 marks)

(Total for Question 1 is 6 marks)

Turn over

- 2. Chaiwat buys 6 cakes at 79 pence each.**

Which of these amounts gives a sensible estimate for the total cost of the 6 cakes?

A £0·86

B £1·40

C £4·80

D £48

E £480

(Total for Question 2 is 1 mark)

Turn over

3. (a) Work out

$$8 \times 7$$

(1 mark)

(continued on the next page)

Turn over

3. continued.

(b) Work out

$$73 \times 1000$$

(1 mark)

(continued on the next page)

Turn over

3. continued.

(c) Write the number 612 in words.

(1 mark)

**(d) What is the value of the
number 8 in 7.85?**

(1 mark)

(Total for Question 3 is 4 marks)

Turn over

4. (a) Look at the diagram for Question 4(a) in the Diagram Book.

Measure the length of the line **AB**

Give your answer in centimetres.

(1 mark)

_____ **cm**

(continued on the next page)

4. continued.

**(b) Look at the diagram for
Question 4(b) in the
Diagram Book.**

**Draw an angle of 50° at point X
(1 mark)**

(Total for Question 4 is 2 marks)

Turn over

5. Look at the diagram for Question 5 in the Diagram Book.

It shows a number line.

Use the number line to work out

(a) $-4 + 7$

(1 mark)

(continued on the next page)

Turn over

5. continued.

(b) 5 – 7

(1 mark)

(Total for Question 5 is 2 marks)

Turn over

6. (a) Write these five numbers in order of size.

Start with the smallest number.

0.61 0.5 0.67

0.6 0.59

(1 mark)

(continued on the next page)

Turn over

6. continued.

(b) Write these five percentages in order of size.

Start with the smallest percentage.

36%	19%	11%
7%	28%	

(1 mark)

(continued on the next page)

Turn over

6. continued.

(c) Write these five amounts of money in order of size.

Start with the smallest amount.

£2·25

69 pence

482 pence

£3·07

370 pence

(1 mark)

(Total for Question 6 is 3 marks)

Turn over

7. (a) Write down a metric unit that can be used to give

(i) the weight of a pencil,

(ii) the amount of orange squash in a jug.

(2 marks)

(continued on the next page)

Turn over

7. continued.

**(b) Write down an imperial unit that
can be used to give the distance
from London to Brighton.**

(1 mark)

(Total for Question 7 is 3 marks)

Turn over

8. (a) Write **70%** as a fraction.
(1 mark)
-

- (b) Write $\frac{16}{24}$ as a fraction in its simplest form.
(1 mark)
-

(continued on the next page)

Turn over

8. continued.

(c) Work out

$$\frac{2}{7} + \frac{3}{7}$$

(1 mark)

(continued on the next page)

Turn over

8. continued.

(d) Here are some fractions

$$\frac{3}{10}$$

$$\frac{1}{5}$$

$$\frac{1}{4}$$

$$\frac{3}{5}$$

$$\frac{2}{10}$$

**(i) Which of these fractions is
the largest?**

(continued on the next page)

Turn over

8. (d) continued.

Remember:

$$\frac{3}{10}$$

$$\frac{1}{5}$$

$$\frac{1}{4}$$

$$\frac{3}{5}$$

$$\frac{2}{10}$$

(ii) Write down the two
equivalent fractions from the
list.

_____ and _____

(2 marks)

(Total for Question 8 is 5 marks)

Turn over

9. Look at the diagram for Question 9(a) in the Diagram Book.

It shows a scale.

(a) Write down the number shown by the arrow.

(1 mark)

(continued on the next page)

Turn over

9. continued.

**Look at the diagram for Question 9(b)
in the Diagram Book.**

It shows a different scale.

**(b) Write down the number shown by
the arrow.**

(1 mark)

(Total for Question 9 is 2 marks)

Turn over

**10. Look at the diagram for Question 10
in the Diagram Book.**

It shows a rectangle.

**Work out the perimeter of the
rectangle.**

(2 marks)

**Answer space continues on the next
page.**

10. continued.

_____ **cm**

(Total for Question 10 is 2 marks)

TOTAL FOR SECTION B IS 30 MARKS

TOTAL FOR PAPER IS 80 MARKS

END OF PAPER
