

Paper Reference ANM10/1A
Pearson
Edexcel Award

Total Marks

Number and Measure
Level 1
Section A (Calculator)

Thursday 3 May 2018 – Morning

Time: 1 hour 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. Calculator.

YOU WILL BE GIVEN

Diagram Book

Turn over

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 MAY BE USED.

If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.

Turn over

INFORMATION

The total mark for this section is 50

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.

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 A

Answer ALL questions.

Write your answers in the spaces provided.

You must write down ALL the stages in your working.

Turn over

1. Look at the diagram for Question 1 in the Diagram Book.

It shows some numbers.

From these numbers,

(a) write down a multiple of 9

(1 mark)

(b) write down a prime number

(1 mark)

(continued on the next page)

Turn over

1. continued.

(c) write down a common factor of

14 and 28

(1 mark)

(Total for Question 1 is 3 marks)

Turn over

2. (a) Work out

$$3 \text{ kg } 400 \text{ g} + 4 \text{ kg } 650 \text{ g} - 2 \text{ kg } 450 \text{ g}$$

(2 marks)

(continued on the next page)

Turn over

2. continued.

(b) Change 7400 centimetres to metres.

(1 mark)

_____ metres

(Total for Question 2 is 3 marks)

3. Use your calculator to work out

(a) $9 \cdot 7 + 35 \cdot 28 - 12 \cdot 92$

(1 mark)

(continued on the next page)

3. continued.

(b) $19 \cdot 2 \times 4 \cdot 5$

(1 mark)

(continued on the next page)

Turn over

3. continued.

(c) $7.92 \div 1.5$

(1 mark)

(Total for Question 3 is 3 marks)

Turn over

4. Polly bought

3 balls of wool at £3·65 each ball

4 buttons at 35 pence each button

1 knitting pattern at £2·49

She paid with a £20 note.

How much change should Polly get?

(4 marks)

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

4. continued.

£ _____

(Total for Question 4 is 4 marks)

Turn over

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

It shows part of a calendar for February 2018 marked up until the 10th.

The rest of the calendar is blank.

(a) What day of the week is the 26th February 2018?
(1 mark)

(continued on the next page)

Turn over

5. continued.

Edward had a 2 week holiday.

His holiday ended on the

5th February 2018

**(b) On which date did his holiday
start?**

(2 marks)

(Total for Question 5 is 3 marks)

Turn over

6. (a) Write $\frac{4}{5}$ as a decimal.

(1 mark)

(b) Work out $\frac{3}{8}$ of 720

(2 marks)

(continued on the next page)

Turn over

6. continued.

(c) Find 30% of 540

(2 marks)

(d) Write 634 to the nearest 100

(1 mark)

(continued on the next page)

Turn over

6. continued.

**(e) Write 6.47 correct to
one decimal place.**

(1 mark)

(Total for Question 6 is 7 marks)

Turn over

**7. How many weeks and days is
65 days?**

_____ **weeks**

_____ **days**

(Total for Question 7 is 2 marks)

Turn over

8. Look at the table for Question 8 in the Diagram Book.

The distance chart gives the distances, in kilometres, between five cities.

(a) Write down the distance between Salisbury and Bath.

(1 mark)

_____ kilometres

(continued on the next page)

8. continued.

Zia drives

from Exeter to Plymouth

then from Plymouth to Truro

then from Truro to Exeter

(b) Work out the total distance Zia drives.

(2 marks)

Answer space continues on the next page.

Turn over

8. (b) continued.

_____ kilometres

(Total for Question 8 is 3 marks)

Turn over

9. The table below gives information about the types of vehicle that Victoria saw go past her house one morning.

Type of vehicle	Frequency
Car	8
Lorry	2
Bicycle	6
Van	3
Motorbike	5

(continued on the next page)

Turn over

9. continued.

(a) Look at the diagram for Question 9 in the Diagram Book. On the grid, draw a bar chart to show this information.

(3 marks)

(b) Which type of vehicle did Victoria see most often?

(1 mark)

(Total for Question 9 is 4 marks)

Turn over

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

It shows a clock face.

**(a) Show a time of quarter to two on
the clock.**

(2 marks)

(continued on the next page)

10. continued.

**James woke up at quarter past six
one morning.**

He left for work 75 minutes later.

**(b) At what time did James leave for
work?**

(2 marks)

(Total for Question 10 is 4 marks)

Turn over

11. Look at the table for Question 11 in the Diagram Book.

It shows some information about four breeds of hen.

- (a) Which breed of hen has the greatest average weight?
(1 mark)**

(continued on the next page)

11. continued.

**(b) Which breed of hen lays
small eggs?**

(1 mark)

(continued on the next page)

Turn over

11. continued.

**(c) Which two breeds of hen lay
brown eggs?**

(1 mark)

_____ and _____

(Total for Question 11 is 3 marks)

Turn over

12. Look at the diagram for Question 12 in the Diagram Book.

It shows a cuboid.

**The dimensions of the cuboid are:
length 5 cm, width 4 cm and
height 12 cm**

Work out the volume of the cuboid.

_____ cm³

(Total for Question 12 is 2 marks)

Turn over

13. Mr Jones buys a pack of 24 bread rolls for £3.40

The 24 bread rolls in the pack are all the same.

What is the cost of one of these bread rolls?

Give your answer to the nearest penny.

_____ pence

(Total for Question 13 is 2 marks)

Turn over

14. Look at the diagram for Question 14 in the Diagram Book.

It shows a shape made from two rectangles.

**Work out the total area of the shape.
(3 marks)**

Answer space continues on the next page.

14. continued.

_____ **cm²**

(Total for Question 14 is 3 marks)

Turn over

15. Look at the information for Question 15 in the Diagram Book.

It shows part of Mary's mobile phone bill for March 2018

Work out the total cost that Mary has to pay for March 2018

(4 marks)

Answer space continues on the next page.

15. continued.

£ _____

(Total for Question 15 is 4 marks)

TOTAL FOR SECTION A IS 50 MARKS

END OF PAPER
