

Paper Reference ANM10/1A
Pearson Edexcel Award

Total Marks

Number and Measure
Level 1
SECTION A
(Calculator)

Time: 1 hour

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 Booklet

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 in case you need them.

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.

Section A

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

Turn over

5

- 1. (a) Use your calculator to work out**

$$**29 \cdot 63 + 29 \cdot 5 - 4 \cdot 52**$$

(1 mark)

(continued on the next page)

Turn over

1. continued.

(b) Use your calculator to work out

$$228 \times 10.5$$

(1 mark)

(continued on the next page)

Turn over

1. continued.

(c) Use your calculator to work out

$$186 \cdot 9 \div 0 \cdot 3$$

(1 mark)

(Total for Question 1 is 3 marks)

Turn over

2. (a) Write **15%** as a decimal.
(1 mark)
-

(continued on the next page)

2. continued.

(b) Work out

$$\frac{2}{5} \text{ of } 785$$

(2 marks)

(continued on the next page)

Turn over

2. continued.

(c) Find

35% of 820

(2 marks)

(Total for Question 2 is 5 marks)

Turn over

3. Look at the diagram for Question 3 in the Diagram Booklet.

It is AFTERNOON.

Write down the time shown on the clock.

(Total for Question 3 is 2 marks)

Turn over

4. (a) Work out

$$\begin{array}{r} 3 \text{ kg } 572 \text{ grams} \\ + 4 \text{ kg } 690 \text{ grams} \\ - 2 \text{ kg } 415 \text{ grams} \end{array}$$

(2 marks)

Answer space continues on the
next page.

Turn over

4. (a) continued.

(continued on the next page)

Turn over

4. continued.

(b) Change

73 000 centimetres to metres.

(1 mark)

_____ metres

(c) Change

8 litres to millilitres.

(1 mark)

_____ millilitres

(Total for Question 4 is 4 marks)

Turn over

15

- 5. How many weeks and days is
80 days?**

_____ **weeks**

_____ **days**

(Total for Question 5 is 2 marks)

Turn over

- 6. Look at the table for Question 6 in the Diagram Booklet.**

**It shows part of a calendar for
May 2021**

- (a) What day of the week was the
25th May 2021?
(1 mark)**

(continued on the next page)

Turn over

6. continued.

**Benedict had a 2 week holiday in
2021**

**This holiday ENDED on the
10th May 2021**

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

(2 marks)

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

6. (b) continued.

(Total for Question 6 is 3 marks)

Turn over

- 7. Look at the information for Question 7 in the Diagram Booklet. It shows the price list for some of the items sold in a cafe.**

Wilfred buys

3 sandwiches

2 pies

4 packets of crisps

He pays with a £20 note.

(continued on the next page)

Turn over

7. continued.

How much change should Wilfred get?

(4 marks)

Answer space continues on the next page.

7. continued.

£ _____

(Total for Question 7 is 4 marks)

Turn over

- 8. Look at the diagram for Question 8 in the Diagram Booklet.**

It shows a cuboid.

It has length 20 cm, width 7 cm and height 10 cm

Work out the volume of the cuboid.

(2 marks)

Answer space continues on the next page.

8. continued.

_____ **cm³**

(Total for Question 8 is 2 marks)

Turn over

- 9. Look at the diagram for Question 9(a) in the Diagram Booklet.
It shows a scale.**

- (a) On the scale, mark the
number 287
(1 mark)**

(continued on the next page)

9. continued.

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

It shows a shape made from two rectangles.

The length of one of the rectangles is missing from the diagram.

(a) Write the length labelled **A of this rectangle.**

(1 mark)

A = _____ metres

(continued on the next page)

Turn over

10. continued.

(b) Work out the total area of the shape.

(3 marks)

_____ m^2

(Total for Question 10 is 4 marks)

Turn over

11. Hayley buys a packet of 8 identical pencils for £3.81

What is the cost of one of these pencils?

Give your answer to the nearest penny.

(2 marks)

Answer space continues on the next page.

11. continued.

_____ p

(Total for Question 11 is 2 marks)

Turn over

12. Look at the table for Question 12 in the Diagram Booklet.

It shows part of a bus timetable from Swindon to Highworth.

(a) At what time should the 09 09 bus from Swindon get to Highworth?

(1 mark)

(continued on the next page)

Turn over

12. continued.

**Kai is going to catch a bus from
Swindon to Highworth.**

**He needs to get to Highworth by
09 30**

**(b) What time is the latest bus he
can catch from Swindon?
(1 mark)**

(continued on the next page)

Turn over

12. continued.

**Abby catches the 08 48 bus from
Lower Stratton.**

- (c) How long should this bus take to
get to Highworth?
(2 marks)**

_____ **minutes**

(Total for Question 12 is 4 marks)

Turn over

13. Look at the diagram for Question 13 in the Diagram Booklet.

It shows a bar chart that gives information about the favourite outdoor activity of each of 30 people.

- (a) Which one of these outdoor activities is the favourite of the greatest number of these people?
(1 mark)**
-

(continued on the next page)

Turn over

13. continued.

**(b) Which two outdoor activities
have the same frequency?
(1 mark)**

_____ and

(continued on the next page)

Turn over

13. continued.

**More of these people have gardening
as their favourite outdoor activity
than horse riding.**

**(c) How many more?
(1 mark)**

(Total for Question 13 is 3 marks)

Turn over

14. (a) Work out

$$\frac{2}{19} \times 5$$

Give your answer as a fraction.

(1 mark)

(continued on the next page)

Turn over

14. continued.

(b) Write

$\frac{9}{10}$ as a decimal.

(1 mark)

(Total for Question 14 is 2 marks)

Turn over

15. Look at the table for Question 15 in the Diagram Booklet.

You can use the table to convert between pounds (£) and dollars (\$)

- (a) Use the table to convert
2·30 dollars to pounds.
(1 mark)**

£ _____

(continued on the next page)

Turn over

15. continued.

(b) Use the table to convert £15 to dollars.

(1 mark)

\$ _____

(continued on the next page)

Turn over

15. continued.

(c) Use the table to convert £66 to dollars.

(2 marks)

\$ _____

(Total for Question 15 is 4 marks)

Turn over

16. Look at the table for Question 16 in the Diagram Booklet.

It shows information from Charlotte's quarterly electricity bill.

Work out the total of Charlotte's quarterly electricity bill.

(4 marks)

Answer space continues on the next two pages.

16. continued.

Turn over

16. continued.

£ _____

(Total for Question 16 is 4 marks)

TOTAL FOR SECTION A IS 50 MARKS

END OF PAPER
