Paper Reference ANM10/1A
Pearson
Edexcel Award

Number and Measure

Level 1
Section A
(Calculator)

Thursday 7 January 2021 – 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	

Y63677RA

Pearson

YOU MUST HAVE

Ruler, protractor, writing and drawing equipment, calculator.

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 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.

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.

You may be provided with a model for Question 13
It is NOT accurate.

There may be spare copies of some diagrams.

ADVICE

Read each question carefully before you start to answer it.

Keep a check 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.

1.   **Look at the table for Question 1 in the Diagram Book.**

     It shows some information about four brands of toaster.

     (a)   **Which toaster has 4 slots and 6 settings?**

     (1 mark)

     _____

1.   continued.

(b)   What is the cost of the toaster with **3** settings?

(1 mark)

£ _____

(continued on the next page)

1. continued.

(c) **Which of the toasters with**

6 **settings is the most expensive?**

(1 mark)

_____

(Total for Question 1 is 3 marks)

2. Roya invests **£650** at **2%** interest for one year.

   How much interest does she get for the one year?

   £ _____

(Total for Question 2 is 2 marks)

3.　(a)　**Use your calculator to work out**

$$19 \cdot 7 + 3 \cdot 54 - 8 \cdot 46$$

(1 mark)

_____

(continued on the next page)

3. **continued.**

(b) **Use your calculator to work out**

$$27 \cdot 8 \times 3 \cdot 5$$

(1 mark)

_____

(continued on the next page)

3. **continued.**

(c) **Use your calculator to work out**

42·24 ÷ 12

(1 mark)

_____

(Total for Question 3 is 3 marks)

4.   (a)   Write

8·73 correct to the nearest

whole number.

(1 mark)

_____

(continued on the next page)

4. continued.

(b) Write the number

736 correct to the nearest

hundred.

(1 mark)

_____

(continued on the next page)

4. continued.

(c) Write down the value of the

4 in **7·43**

(1 mark)

_____

(Total for Question 4 is 3 marks)

5. **Look at the diagram for Question 5(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)

5. **continued.**

Look at the diagram for Question 5(b)

in the Diagram Book.

It shows a different scale.

(b) **On this scale, mark the number**

268

(1 mark)

(Total for Question 5 is 2 marks)

6. (a) **Write down a multiple of 8**

     (1 mark)

_____

(continued on the next page)

6. **continued.**

(b) **Write down a common factor of**

12 and 20

(1 mark)

_____

(continued on the next page)

6. continued.

(c) Write down a prime number greater than **14**

(1 mark)

_____

(Total for Question 6 is 3 marks)

7. **Look at the diagram for Question 7 in the Diagram Book.**

It shows a clock.

It is EVENING.

Write down the time shown on the clock.

_____

(Total for Question 7 is 2 marks)

8. **Work out**

    3 minutes **48** seconds **+**

    2 minutes **20** seconds

    Give your answer in SECONDS.
    (3 marks)

    Answer space continues on the next page.

8. **continued.**

_____ **seconds**

(Total for Question 8 is 3 marks)

9. (a) Write

$\dfrac{1}{5}$ as a decimal.

(1 mark)

_____

(b) Write

39% as a fraction.

(1 mark)

_____

(continued on the next page)

9.   continued.

   (c)   Work out

$$\frac{5}{19} \times 3$$

   Give your answer as a fraction.

   (1 mark)

_____

(continued on the next page)

9. **continued.**

    (d) **Work out**

$$\frac{2}{9} \text{ of } 450$$

(2 marks)

_____

(Total for Question 9 is 5 marks)

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

It shows a rectangle.

Work out the perimeter of the rectangle.

_____ cm

(Total for Question 10 is 2 marks)

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

    It shows part of a calendar for September 2020

    The dates from Tuesday 1st to Thursday 10th September have been filled in.

    (a) **What day of the week is the 23rd September 2020?**

    (1 mark)

_____

Turn over

11. continued.

(b) What is the date three weeks after the 18th September 2020?

(2 marks)

_____

(Total for Question 11 is 3 marks)

12. Ahmed buys a pack of **8** ice lollies

    for **£2·47**

    The **8** ice lollies in the pack are all the

    same.

    What is the cost of one of the

    ice lollies?

    Give your answer to the nearest

    penny.

    (2 marks)

    Answer space continues on the next

    page.

12. continued.

_____ **pence**

(Total for Question 12 is 2 marks)

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

You may be provided with a model.

They are NOT accurate

They show a cuboid.

The cuboid is **27 cm** long,

11 cm wide and **9 cm** high.

Work out the volume of the cuboid.
(2 marks)
Answer space continues on the next page.

13. continued.

_____ **cm**^{3}

(Total for Question 13 is 2 marks)

14. Work out

3 km 251 metres **+ 5 km 623** metres

– 2 km 202 metres

(2 marks)

Answer space continues on the next page.

14. continued.

_____

(Total for Question 14 is 2 marks)

15. Look at the information for Question 15 in the Diagram Book. It shows the price list at a refreshment kiosk.

Kali buys

4 cups of coffee

1 cup of tea

3 teacakes

Kali pays with a **£20** note.

How much change should he get?

(4 marks)

Answer space is on the next page.

Turn over

15. continued.

£ _____

(Total for Question 15 is 4 marks)

16. Look at the diagram for Question 16 in the Diagram Book.

It shows a shape made from two rectangles.

Four sides of the shape are labelled.

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

Answer space continues on the next page.

16. continued.

_____ **cm^2**

(Total for Question 16 is 3 marks)

17. Lily has **823** pence

Imani has **£3·42**

Lily has more than Imani.

How much more?

(2 marks)

Answer space continues on the next page.

17. continued.

_____

(Total for Question 17 is 2 marks)

18. Look at the information for Question 18 in the Diagram Book.

 It shows information from Helena's mobile phone bill for April **2020**

 Work out the total of Helena's mobile phone bill.

 (4 marks)

 Answer space continues on the next two pages.

18. **continued.**

18. continued.

£ _____

(Total for Question 18 is 4 marks)

TOTAL FOR SECTION A IS 50 MARKS