# Paper Reference ANM10/1A
# Pearson Edexcel Award

# 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 | |

**V66324A**

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## YOU MUST HAVE

**Ruler, writing and drawing equipment, protractor, 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 paper 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.

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

$$18 \cdot 7 - 7 \cdot 65 + 4 \cdot 15$$

**(1 mark)**

_____

**(continued on the next page)**

1. continued.

(b) Use your calculator to work out

$$8 \cdot 5 \times 9 \cdot 2$$

(1 mark)

_____

**(continued on the next page)**

1.   continued.

(c)   Use your calculator to work out

**20·6 ÷ 0·4**

(1 mark)

_____

**(Total for Question 1 is 3 marks)**

**2.** **Work out**

**5** metres **78 cm** **+** **3** metres **63 cm**

**–** **2** metres **56 cm**

**(2 marks)**

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

**2.** **continued.**

_____

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

3.   Below are seven numbers.

6          9          17          20

27          35          42

From these numbers,

(a)   write down a multiple of 5

(1 mark)

_____

**Turn over**

3. continued.

Remember:

Below are seven numbers.

| | | | |
|---|---|---|---|
| 6 | 9 | 17 | 20 |
| 27 | 35 | 42 | |

From these numbers,

(b) write down a prime number

(1 mark)

_____

**3.** **continued.**

**Remember:**

**Below are seven numbers.**

| | | | |
|---|---|---|---|
| **6** | **9** | **17** | **20** |
| **27** | **35** | **42** | |

**From these numbers,**

**(c)** **write down a common factor of 24 and 30**

**(1 mark)**

_____

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

**4.** **(a)** **Work out**

$$\frac{2}{5} \times 720$$

**(2 marks)**

_____

**(continued on the next page)**

4. continued.

   (b) Work out

   **15% of 840**

   **(2 marks)**

_____

**(Total for Question 4 is 4 marks)**

5. **Look at the information for Question 5 in the Diagram Booklet. It shows the price list for some of the items sold in a baker's shop.**

**Abigail buys**

**3** bread rolls

**2** doughnuts

**1** brown loaf

**She pays with a £10 note.**

**(continued on the next page)**

5.    continued.

How much change should Abigail get?

(4 marks)

Answer space continues on the next page.

**5.** **continued.**

£_____

**(Total for Question 5 is 4 marks)**

6. Look at the diagram for Question 6 in the Diagram Booklet.

It shows a cuboid.

It is **16** metres long, **10** metres wide and **12** metres high.

Work out the volume of the cuboid.

_____ m$^3$

(Total for Question 6 is 2 marks)

7.  (a)  Write

$\dfrac{3}{5}$ as a decimal.

**(1 mark)**

_____

**(continued on the next page)**

**Turn over**

7.    continued.

(b)  Write

70% as a fraction.

(1 mark)

_____

**(Total for Question 7 is 2 marks)**

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

It shows part of a calendar for April **2020**

(a)   What day of the week was the **15**th April **2020?**

(1 mark)

_____

**Turn over**

8. continued.

(b) What was the date three weeks after the **21**st April **2020?**

(2 marks)

_____

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

**Turn over**

9. Look at the table for Question 9 in the Diagram Booklet.

It shows information about some teachers who work in a school.

(a) Which teacher is the youngest?

(1 mark)

_____

(continued on the next page)

9.  continued.

(b)  Who teaches English and travels to work by bicycle?

(1 mark)

_____

(continued on the next page)

9.   continued.

(c)   **Which two teachers have the same age?**

**(1 mark)**

_____ and _____

**(Total for Question 9 is 3 marks)**

10.  Look at the diagram for

 Question 10(a) in the

 Diagram Booklet.

 It shows a scale.

 (a)   Write down the number shown by

 the arrow.

 (1 mark)

 _____

**10.  continued.**

**Look at the diagram for Question 10(b) in the Diagram Booklet.**

**It shows a different scale.**

**(b)  On the scale, mark the number 808**

**(1 mark)**

**(continued on the next page)**

10. continued.

(c) Write the number

**nine hundred and**

**seventeen** in figures.

(1 mark)

_____

(continued on the next page)

**10.  continued.**

(d)  **Write the number**

**547 to the nearest 10**

**(1 mark)**

_____

**(Total for Question 10 is 4 marks)**

11. Look at the diagram for Question 11 in the Diagram Booklet.

It is a bar chart which shows information about the favourite snack of each student in class **11Q**

(a) Which snack is the favourite of most students in class **11Q?**

(1 mark)

_____

**Turn over**

11.  continued.

(b)  Which two snacks have the same frequency?

(1 mark)

_____ and _____

(continued on the next page)

11.  continued.

More students in class **11Q** have nuts as their favourite snack than have cake as their favourite snack.

(c)   How many more?

(2 marks)

_____

**(Total for Question 11 is 4 marks)**

**Turn over**

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

**You can use the table to convert between pounds (£) and dollars.**

**(a)** **Convert £67 to dollars.**

**(2 marks)**

_____ **dollars**

**(continued on the next page)**

**12.** **continued.**

    **(b)** **Convert 91 dollars to pounds.**

      **(2 marks)**

£_____

**(Total for Question 12 is 4 marks)**

13.  Samantha buys a pack of **12** identical pieces of wrapping paper for **£5·50**

What is the cost of one of these pieces of wrapping paper?

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 Booklet.

It shows a shape made from two rectangles.

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

(a) On the answer line on the diagram, write the length of this side.

(1 mark)

(continued on the next page)

14. continued.

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

(3 marks)

Answer space continues on the next page.

**14. (b) continued.**

_____ **cm$^2$**

**(Total for Question 14 is 4 marks)**

**Turn over**

**15. Write 260 minutes in hours and minutes.**

_____ hours

_____ minutes

**(Total for Question 15 is 2 marks)**

16. Look at the information for Question 16 in the Diagram Booklet. It shows Asha's electricity bill for January **2021**

Work out the total cost that Asha has to pay for her electricity for January **2021**

(4 marks)

Answer space continues on the next two pages.

**16.** **continued.**

**16.  continued.**

_____

**(Total for Question 16 is 4 marks)**

**TOTAL FOR SECTION A IS 50 MARKS**

**END OF PAPER**