

**Paper Reference ANM10/1A**  
**Pearson Edexcel Award**

<b>Total Marks</b>
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**Number and Measure**  
**Level 1**  
**Section A (Calculator)**

**Time: 1 hour plus your additional time allowance**

**In the boxes below, write your name, centre number and candidate number.**

<b>Surname</b>					
<b>Other names</b>					
<b>Centre Number</b>					
<b>Candidate Number</b>					

**X66131RA**

**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  $\pi$  button, take the value of  $\pi$  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.**

**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.**

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## **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 diagram for Question 1(a) in the Diagram Booklet.

It shows a scale.

- (a) Write down the number shown by the arrow.  
(1 mark)

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Look at the diagram for Question 1(b) in the Diagram Booklet.

It shows a different scale.

- (b) On this scale, mark the number **276**  
(1 mark)

(Total for Question 1 is 2 marks)

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2. (a) Write the number **five hundred and sixty** in figures.

(1 mark)

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- (b) Write the number **523** to the nearest ten.

(1 mark)

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- (c) Write down the value of the number **3** in **2·36**

(1 mark)

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**(Total for Question 2 is 3 marks)**

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3. (a) Use your calculator to work out

$$17 \cdot 61 + 16 \cdot 3 - 3 \cdot 38$$

(1 mark)

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- (b) Use your calculator to work out

$$176 \times 9 \cdot 5$$

(1 mark)

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(continued on the next page)

**3. continued.**

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

$$17.65 \div 0.05$$

**(1 mark)**

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

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4. Leoni has £10·85  
Ivan has 789 pence

Leoni has more money than Ivan.

How much more?

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(Total for Question 4 is 2 marks)

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Turn over

5. (a) Work out

$$\frac{2}{13} \times 6$$

Give your answer as a fraction.

(1 mark)

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(continued on the next page)

5. continued.

(b) Work out

$$\frac{2}{3} \text{ of } 639$$

(2 marks)

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(continued on the next page)

5. continued.

(c) Find

**40% of 580**

**(2 marks)**

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**(continued on the next page)**

5. continued.

(d) Write

**25%** as a decimal.

(1 mark)

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(Total for Question 5 is 6 marks)

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6. (a) Change 4 hours and 17 minutes into minutes.  
(2 marks)

\_\_\_\_\_ minutes

(continued on the next page)

6. continued.

(b) Work out

**5 km 463 metres + 4 km 612 metres – 2 km 305 metres**

**(2 marks)**

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

6. (b) continued.

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(Total for Question 6 is 4 marks)

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**7. Amy buys**

**3 portions of chips at £1·65 a portion**

**2 pieces of fish at £4·20 a piece**

**1 portion of mushy peas at 89 pence**

**She pays with a £20 note.**

**How much change should Amy get?**

**(4 marks)**

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

7. continued.

£ \_\_\_\_\_

(Total for Question 7 is 4 marks)

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8. (a) Change **5·3** metres into centimetres.  
(1 mark)

\_\_\_\_\_ centimetres

- (b) Change **5700** grams into kilograms.  
(1 mark)

\_\_\_\_\_ kilograms

(Total for Question 8 is 2 marks)

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

It shows part of a calendar for October 2019

- (a) What day of the week was the 24th October 2019?

(1 mark)

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(continued on the next page)

9. continued.

Eliana had a **2** week holiday in **2019**

This holiday **STARTED** on the **27th** October **2019**

(b) On which date did this holiday end?

(2 marks)

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(Total for Question 9 is 3 marks)

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

It shows a cuboid.

It is 12 metres long, 8 metres wide and 9 metres high.

Work out the volume of the cuboid.

\_\_\_\_\_  $\text{m}^3$

(Total for Question 10 is 2 marks)

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

It shows a blank grid.

Tim asked some of his friends to name their favourite film type from a list of five film types. The table below gives information about their answers.

Film type	Frequency
comedy	7
action	4
romance	5
drama	9
horror	2

(continued on the next page)

**11. continued.**

**(a) On the grid in the Diagram Booklet, draw a bar chart to show this information.**

**(3 marks)**

**(b) Work out how many friends Tim asked.**

**(1 mark)**

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

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

**It shows a clock face.**

**(a) Show a time of twenty past seven on the clock face in the Diagram Booklet.**

**(2 marks)**

**Arthur left work at quarter past five one afternoon.**

**It took him 55 minutes to get home.**

**(b) At what time did Arthur get home from work that afternoon?**

**(2 marks)**

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

12. (b) continued.

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(Total for Question 12 is 4 marks)

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**13. Look at the table for Question 13 in the Diagram Booklet.**

**It shows some information about five lawn mowers.**

**(a) Which make of lawn mower is the cheapest?**  
**(1 mark)**

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**(b) Which make of lawn mower has the greatest power?**  
**(1 mark)**

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**(continued on the next page)**

13. continued.

(c) Which two makes of lawn mower have the same weight?

(1 mark)

\_\_\_\_\_ and \_\_\_\_\_

(Total for Question 13 is 3 marks)

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14. Samantha buys a packet of 6 identical currant buns for £1.63

What is the cost of one of these currant buns?

Give your answer to the nearest penny.

\_\_\_\_\_ pence

(Total for Question 14 is 2 marks)

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**15. Look at the diagram for Question 15 in the Diagram Booklet.**

**It shows a shaded shape made from two rectangles.**

**Work out the total area of the shaded shape.**

\_\_\_\_\_  $\text{cm}^2$

**(Total for Question 15 is 3 marks)**

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**16. Look at the information for Question 16 in the Diagram Booklet.**

**It shows information from Cheng's water bill.**

**Work out the total cost of the water that Cheng has used.**

**(3 marks)**

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

16. continued.

£ \_\_\_\_\_

(Total for Question 16 is 3 marks)

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**TOTAL FOR SECTION A IS 50 MARKS**

**END OF PAPER**

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