Paper Reference ANM10/1A

Pearson Edexcel Award

Number and Measure

Level 1
Section A
(Calculator)

Tuesday 7 January 2020 − 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	

Y63046A

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 $3\cdot142$ 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.

You may be provided with a model for Question 7
It is NOT accurate.

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.

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

$$16 \cdot 9 - 8 \cdot 47 + 3 \cdot 07$$

(1 mark)

_____

(continued on the next page)

1.   continued.

(b) Use your calculator to work out

$$185 \times 8 \cdot 2$$

(1 mark)

_____

(continued on the next page)

1.   continued.

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

$$18 \cdot 51 \div 0 \cdot 03$$

(1 mark)

_____

(Total for Question 1 is 3 marks)

Turn over

2. (a) Write

$$\frac{3}{4}$$ as a decimal.

(1 mark)

_____

(continued on the next page)

2. continued.

(b) Write

12·63 correct to one decimal

place.

(1 mark)

_____

(Total for Question 2 is 2 marks)

3.   (a)   **Work out**

$$\frac{4}{5} \text{ of } 340$$

(2 marks)

_____

(continued on the next page)

3. continued.

(b) Work out

$$\frac{2}{17} \times 6$$

Give your answer as a fraction.

(1 mark)

_____

(continued on the next page)

3. **continued.**

(c) **Find**

30% of 920

(2 marks)

_____

(Total for Question 3 is 5 marks)

Turn over

4.　Look at the information for Question 4 in the Diagram Book.

It shows eight numbers.

(a)　From the eight numbers, write down a multiple of 7

(1 mark)

_____

(continued on the next page)

4.   continued.

(b)   From the eight numbers, write down a common factor of

24 and **32**

(1 mark)

_____

(continued on the next page)

Turn over

4. continued.

(c) **From the eight numbers, write down two numbers to make a correct calculation**

(1 mark)

_____ ✕ _____ = 420

(Total for Question 4 is 3 marks)

5. (a) Work out

3 metres 46 cm

+ 4 metres 32 cm

− 2 metres 29 cm

(2 marks)

Answer space continues on the next page.

5. **(a)** **continued.**

_____

(continued on the next page)

5. **continued.**

(b) **Change**

4300 **millilitres to litres.**

(1 mark)

_____ litres

(continued on the next page)

5.   **continued.**

(c)   **How many weeks and days is**

58 **days?**

(2 marks)

_____ **weeks** _____ **days**

(Total for Question 5 is 5 marks)

Turn over

6.   **Azmol bought**

5 birthday cards at **£1·49** each

3 sheets of gift wrap at **59** pence each

1 roll of sticky tape at **£2·31**

He paid with a **£20** note.

How much change should Azmol get?

(4 marks)

Answer space continues on the next page.

6. **continued.**

£ _____

(Total for Question 6 is 4 marks)

7. Look at the model or at the diagram for Question 7 in the Diagram Book.

They show a cuboid.

You may be provided with a model.

The cuboid is **9** metres long, **6** metres wide and **7** metres high.

Work out the volume of the cuboid.

(2 marks)

Answer space continues on the next page.

7. **continued.**

_____ **m**^{3}

(Total for Question 7 is 2 marks)

Turn over

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

It shows part of a calendar for June **2018**

The dates from Friday **22**nd to Saturday **30**th June have been filled in.

(a) What day of the week was the **1**st June **2018**?

(1 mark)

_____

(continued on the next page)

8.   continued.

Sadie had a **2** week holiday.

Her holiday **ENDED** on the

7th June **2018**

(b) On which date did her holiday

start?

(2 marks)

_____

(Total for Question 8 is 3 marks)

9. **Look at the diagram for Question 9(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)

9.   continued.

Look at the diagram for Question 9(b)

in the Diagram Book.

It shows a different scale.

(b)   On this scale, mark

the number **456**

(1 mark)

(continued on the next page)

9. continued.

(c) What is the value of the 5 in

456?

(1 mark)

_____

(continued on the next page)

9.   continued.

(d) Write the number **472** correct to

the nearest **100**

(1 mark)

_____

(Total for Question 9 is 4 marks)

Turn over

10. Gemma asked each of her friends to tell her their favourite vegetable. The table below gives information about her results.

Vegetable	Frequency
peas	9
cabbage	2
sweetcorn	7
broccoli	3
carrots	7

(continued on the next page)

Turn over

10. continued.

    (a) Look at the diagram for Question 10(a) in the Diagram Book.

        On the grid in the Diagram Book, draw a bar chart to show this information.

        (3 marks)

10. continued.

(b) How many friends did Gemma ask?

(1 mark)

_____

(Total for Question 10 is 4 marks)

Turn over

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

   It shows a clock face.

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

   (2 marks)

(continued on the next page)

11. continued.

Stanley left work at quarter to five one afternoon.

It took him **35** minutes to get home.

(b) At what time did Stanley get home?

(1 mark)

Answer space continues on the next page.

11. (b) continued.

_____

(Total for Question 11 is 3 marks)

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

   It shows some information about the people who work in a shop.

   (a) **Who is the oldest person?**

   (1 mark)

   _____

(continued on the next page)

Turn over

12. continued.

(b) Who works part time and travels to work by bus?

(1 mark)

_____

(c) Which two people have the same age?

(1 mark)

_____ and _____

(Total for Question 12 is 3 marks)

13. Samantha buys a box of **12** truffles for **£3·79**

The **12** truffles in the box are all the same.

What is the cost of one of these truffles?

Give your answer to the nearest penny.

(2 marks)

Answer space continues on the next page.

13. continued.

_____ **pence**

(Total for Question 13 is 2 marks)

14. Look at the diagram for Question 14 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.

14. continued.

_____ **cm^2**

(Total for Question 14 is 3 marks)

Turn over

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

It shows Huang's electricity bill for December **2019**

He used **621** units of electricity.

Work out the total that Huang had to pay for December **2019**

(4 marks)

Answer space continues on the next two pages.

15. continued.

15. continued.

£ _____

(Total for Question 15 is 4 marks)

TOTAL FOR SECTION A IS 50 MARKS

END OF PAPER