



Pearson
Edexcel Award

Pearson

ANM10/1A

Number and Measure

Level 1

Section A (Calculator)

Transcription of the Braille Version

UEB Grade 2

U66324A

[braille page 1]

ANM10/1A

Pearson

Edexcel Award

Number and Measure

Level 1

Section A (Calculator)

Time: 1 hour

YOU MUST HAVE

Ruler

Protractor

Calculator

YOU WILL BE GIVEN

Diagram Booklet

Bumpons for Question 10(b)

Model for Question 6

[braille page 2]

INSTRUCTIONS

Write your name, centre number and candidate number on your answer paper.

Answer ALL questions.

Answer the questions on your answer paper.

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 paper is 50

The marks for EACH question are shown in brackets, for example:
[2 marks] – 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.

[braille page 3]**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.

[A contents page for this examination paper will be found as a separate booklet. This is to assist the candidate in locating selected books].

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[braille page 4]**SECTION A**

Answer ALL questions.

Write your answers on your answer paper.

You must write down all the stages in your working.

1. (a) Use your calculator to work out $18.7 - 7.65 + 4.15$ [1 mark]

(b) Use your calculator to work out 8.5×9.2 [1 mark]

(c) Use your calculator to work out $20.6 \div 0.4$ [1 mark]

[Total for Question 1 is 3 marks]

2. Work out $5\text{m } 78\text{ cm} + 3\text{m } 63\text{ cm} - 2\text{m } 56\text{ cm}$

[Total for Question 2 is 2 marks]

[braille page 5]

3. Below are seven numbers.

6 ... 9 ... 17 ... 20 ... 27 ... 35 ... 42

From these numbers,

(a) write down a multiple of 5 [1 mark]

(b) write down a prime number [1 mark]

(c) write down a common factor of 24 and 30 [1 mark]

[Total for Question 3 is 3 marks]

[braille page 6]

4. (a) Work out

$\frac{2}{5} \times 720$ [2 marks]

(b) Work out

15% of 840 [2 marks]

[Total for Question 4 is 4 marks]

[braille page 7]

5. Here is the price list for some of the items sold in a baker's shop.

BAKER'S SHOP

bread roll 29 p

doughnut 75 p

brown loaf ... £1.42

Abigail buys 3 bread rolls, 2 doughnuts and 1 brown loaf
She pays with a £10 note.

How much change should Abigail get?
Write your answer in pounds (£).

[Total for Question 5 is 4 marks]

[braille page 8]

6. Look at Diagram 1, Diagram 2 and the model for Question 6 in the diagram booklet. They show a cuboid. It is 16 metres long, 10 metres wide and 12 metres high.

Diagram 1 shows the front view of the cuboid.

Diagram 2 shows the side view of the cuboid.

The model is a cuboid.

Work out the volume of the cuboid.

Write your answer in m^3

[Total for Question 6 is 2 marks]

7. (a) Write $\frac{3}{5}$ as a decimal. [1 mark]

(b) Write 70% as a fraction. [1 mark]

[Total for Question 7 is 2 marks]

[braille page 9]

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 15th April 2020? [1 mark]

(b) What was the date three weeks after the 21st April 2020?
[1 mark]

[Total for Question 8 is 3 marks]

[braille page 10]

9. Here is information about some teachers who work in a school.

Name	Age	Subject taught	Method of travel to school
Amos ...	56 ...	History ...	car
Steve ...	27 ...	English ...	car
Ned	56 ...	Science ...	walk
Harju ...	28 ...	English ...	bicycle
Dai	35 ...	Art	bicycle

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- (a) Which teacher is the youngest? [1 mark]
- (b) Who teaches English and travels to work by bicycle? [1 mark]
- (c) Which two teachers have the same age? [1 mark]

[Total for Question 9 is 3 marks]

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**[braille page 11]**

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]

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  
Bumpons have been provided if you wish to use them.  
[1 mark]
- (c) Write the number nine hundred and seventeen in figures.  
[1 mark]
- (d) Write the number 547 to the nearest 10 [1 mark]

[Total for Question 10 is 4 marks]

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**[braille page 12]**

11. Look at the diagram for Question 11 in the diagram booklet. It shows a bar chart.

The bar chart 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]

(b) Which two snacks have the same frequency?  
Write TWO names. [1 mark]

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]

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**[braille page 13]**

12. The table below is used to convert between pounds (£) and dollars.

| Pounds (£) | Dollars |
|------------|---------|
| 1 .....    | 1.30    |
| 2 .....    | 2.60    |
| 5 .....    | 6.50    |
| 10 .....   | 13.00   |
| 50 .....   | 65.00   |

\*\*\*\*\*

(a) Convert £67 to dollars.  
Write your answer in dollars. [2 marks]

(b) Convert 91 dollars to pounds.  
Write your answer in pounds (£). [2 marks]

[Total for Question 12 is 4 marks]

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**[braille page 14]**

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.

[Total for Question 13 is 2 marks]

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**[braille page 15]**

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) Write the length of the missing side labelled (i). [1 mark]

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

Write your answer in  $\text{cm}^2$ . [3 marks]

[Total for Question 14 is 4 marks]

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**[braille page 16]**

15. Write 260 minutes in hours and minutes.

[Total for Question 15 is 2 marks]

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16. Asha's electricity bill for January 2021 is shown below.

Electricity Bill

Basic rate .....189 units at 14p each

Cheap rate ..... 385 units at 11p each

Monthly charge ... £12.35

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

[Total for Question 16 is 4 marks]

TOTAL FOR SECTION A IS 50 MARKS

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END OF PAPER

## Diagram Book

## Diagrams for Question 6

Diagram 1

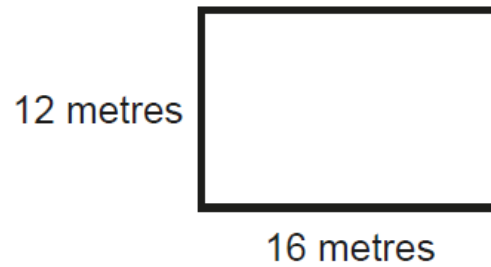
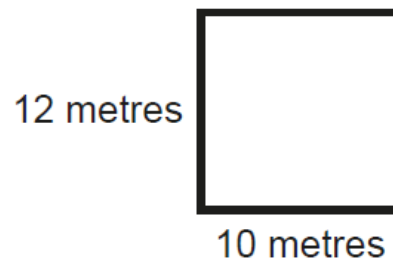


Diagram 2



## Diagram for Question 8

| April 2020 |     |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|-----|
| Sun        | Mon | Tue | Wed | Thu | Fri | Sat |
|            |     |     |     |     |     |     |
|            |     |     |     |     |     |     |
|            |     |     |     |     |     |     |
|            |     |     |     |     | 24  | 25  |
| 26         | 27  | 28  | 29  | 30  |     |     |

Diagram for Question 10(a)

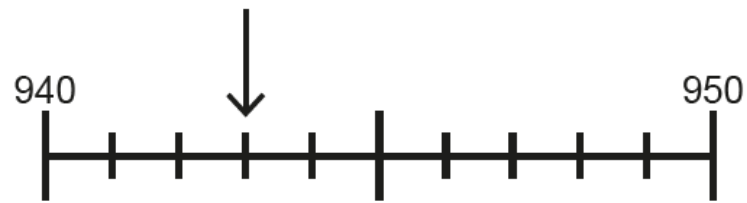


Diagram for Question 10(b)

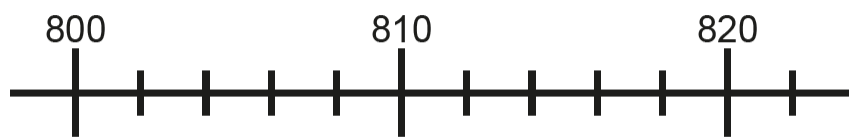


Diagram for Question 11

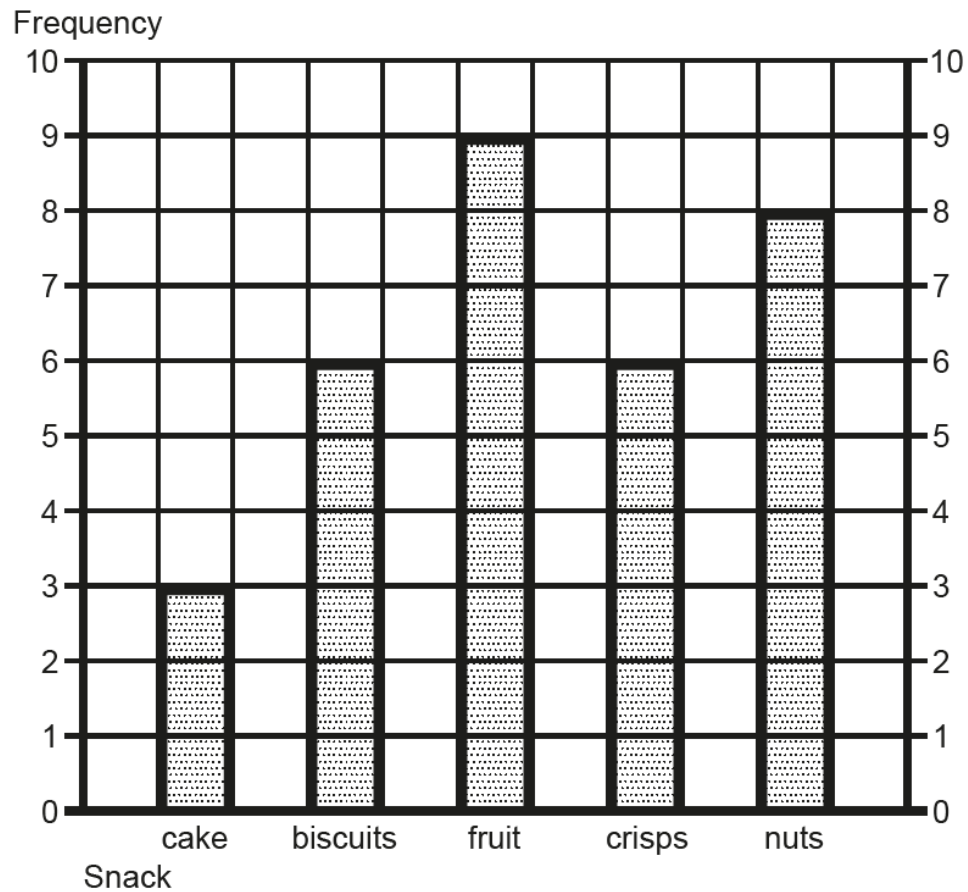


Diagram for Question 14

