ANM10/1A

Number and Measure

Level 1
SECTION A (Calculator)

Transcription of the Braille Version

UEB Grade 2

[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 9(a)
 Model for Question 8

[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.

[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 $29.63 + 29.5 - 4.52$ [1 mark]

      (b) Use your calculator to work out 228×10.5 [1 mark]

      (c) Use your calculator to work out $186.9 \div 0.3$ [1 mark]

[Total for Question 1 is 3 marks]

[braille page 5]

2. (a) Write 15% as a decimal. [1 mark]

(b) Work out $\frac{2}{5}$ of 785 [2 marks]

(c) Find 35% of 820 [2 marks]

[Total for Question 2 is 5 marks]

3. Look at the diagram for Question 3 in the diagram booklet. It shows a clock.
It is AFTERNOON.
Write down the time shown on the clock.

[Total for Question 3 is 2 marks]

[braille page 6]

4. (a) Work out 3kg 572g + 4kg 690g − 2kg 415g [2 marks]

(b) Change 73 000 centimetres to metres. Write your answer in metres. [1 mark]

(c) Change 8 litres to millilitres. Write your answer in millilitres. [1 mark]

[Total for Question 4 is 4 marks]

5. How many weeks and days is 80 days?
Write your answer as _ weeks _ days.

[Total for Question 5 is 2 marks]

[braille page 7]
   6. Look at the table for Question 6 in the diagram booklet. It shows part of a calendar for May 2021

     (a) What day of the week was the 25th May 2021? [1 mark]

   Benedict had a 2 week holiday in 2021
This holiday ENDED on the 10th May 2021

     (b) On which date did this holiday start? [2 marks]

[Total for Question 6 is 3 marks]

[braille page 8]
   7. Here is the price list for some of the items sold in a cafe.

   Price list

   sandwich £2.75
pie £3.20
packet of crisps 70p

   Wilfred buys 3 sandwiches, 2 pies, 4 packets of crisps

   He pays with a £20 note.

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

[Total for Question 7 is 4 marks]

[braille page 9]
   8. Look at the model and the diagrams for Question 8 in the diagram booklet. They are NOT accurate. The model shows a cuboid. It is 20 cm long, 7 cm wide and 10 cm high.
   Diagram 1 shows the front view of the cuboid.
   Diagram 2 shows the side view of the cuboid.

   Work out the volume of the cuboid. Write your answer in cm^3.

[Total for Question 8 is 2 marks]

[braille page 10]
   9. Look at the diagram for Question 9(a) in the diagram booklet. It shows a scale.

   (a) On this scale mark the number 287
Bumpons are provided if you wish to use them. [1 mark]

   Look at the diagram for Question 9(b) in the diagram booklet. It shows another scale.

   (b) Write down the number shown by the arrow. [1 mark]

[Total for Question 9 is 2 marks]

[braille page 11]
   10. Look at the diagram for Question 10 in the diagram booklet. It shows a shape made from two rectangles.

   The length 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 m^2. [3 marks]

[Total for Question 10 is 4 marks]

[braille page 12]
   11. Hayley buys a packet of 8 identical pencils for £3.81

   What is the cost of one of these pencils?
   Give your answer to the nearest penny.

[Total for Question 11 is 2 marks]

[braille page 13]

12. Look at the table for Question 12 in the diagram booklet. It shows part of a bus timetable from Swindon to Highworth.

(a) At what time should the 09 09 bus from Swindon get to Highworth? [1 mark]

Kai is going to catch a bus from Swindon to Highworth.
He needs to get to Highworth by 09 30

(b) What time is the latest bus he can catch from Swindon? [1 mark]

Abby catches the 08 48 bus from Lower Stratton.

(c) How long should this bus take to get to Highworth? Write your answer in minutes. [2 marks]

[Total for Question 12 is 4 marks]

[braille page 14]

13. Look at the diagram for Question 13 in the diagram booklet. It shows a bar chart.
The bar chart gives information about the favourite outdoor activity of each of 30 people.

(a) Which one of these outdoor activities is the favourite of the greatest number of these people? [1 mark]

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

More of these people have gardening as their favourite outdoor activity than horse riding.

(c) How many more? [1 mark]

[Total for Question 13 is 3 marks]

[braille page 15]

14. (a) Work out $\frac{2}{19} \times 5$

Give your answer as a fraction. [1 mark]

(b) Write $\frac{9}{10}$ as a decimal. [1 mark]

[Total for Question 14 is 2 marks]

[braille page 16]

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

Pounds (£)	Dollars ($)
1	1.15
2	2.30
5	5.75
10	11.50
50	57.50

(a) Use the table to convert 2.30 dollars to pounds. Write your answer in pounds (£). [1 mark]

(b) Use the table to convert £15 to dollars. Write your answer in dollars ($). [1 mark]

(c) Use the table to convert £66 to dollars. Write your answer in dollars ($). [2 marks]

[Total for Question 15 is 4 marks]

[braille page 17]

16. Charlotte's quarterly electricity bill is shown below.

Electricity bill

Reading 24th April: 9503 units
Reading 25th January: 8647 units
Number of units used: ... units
Cost per unit of electricity: £0.17
Quarterly charge: £16.70 for this period

Work out the total of Charlotte's quarterly electricity bill. Write your answer in pounds (£).

[Total for Question 16 is 4 marks]
TOTAL FOR SECTION A IS 50 MARKS

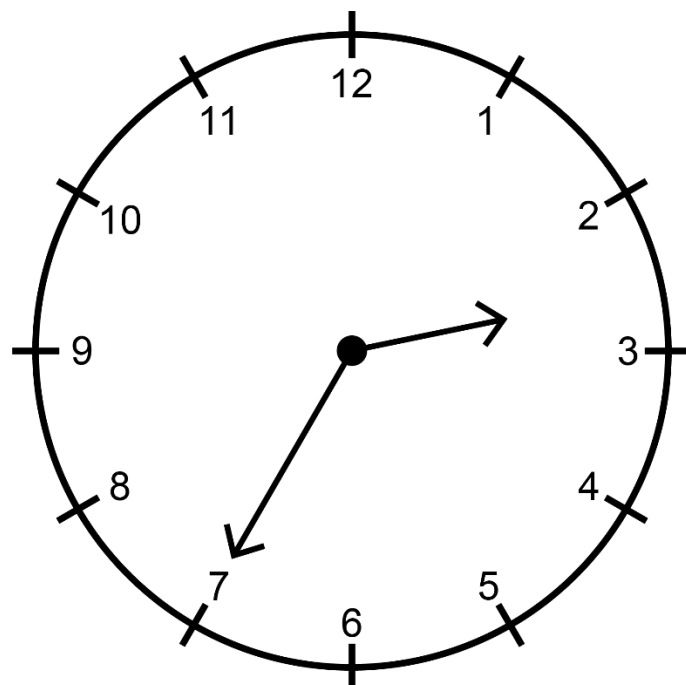:::::::::::
END OF PAPER

Diagram Booklet

Diagram for Question 3

Table for Question 6

May 2021						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	

Diagrams for Question 8

Diagram 1
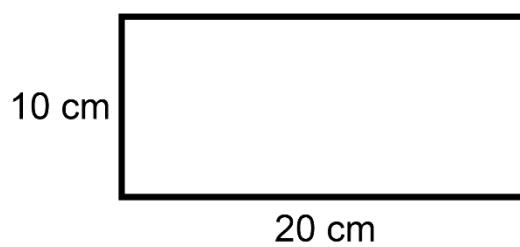
10 cm

20 cm

Diagram 2

10 cm

7 cm

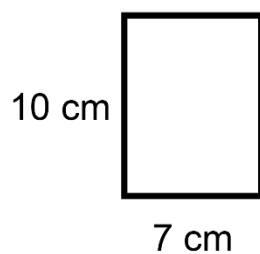## Diagram for Question 9(a)

270   280   290
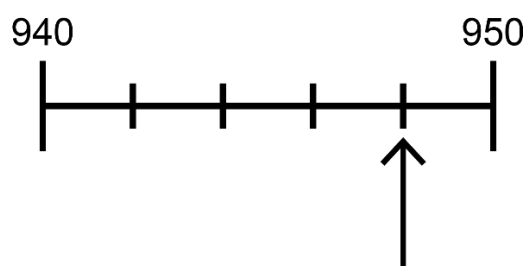
Diagram for Question 9(b)

940   950

Diagram for Question 10

16 m

5 m

9 m

4 m

(i) _____ m
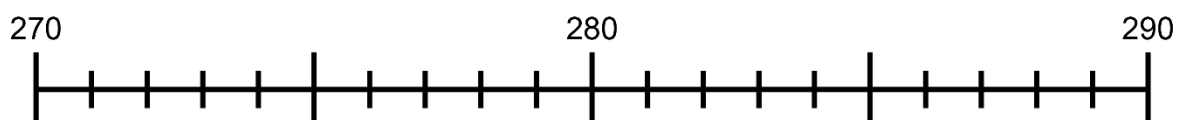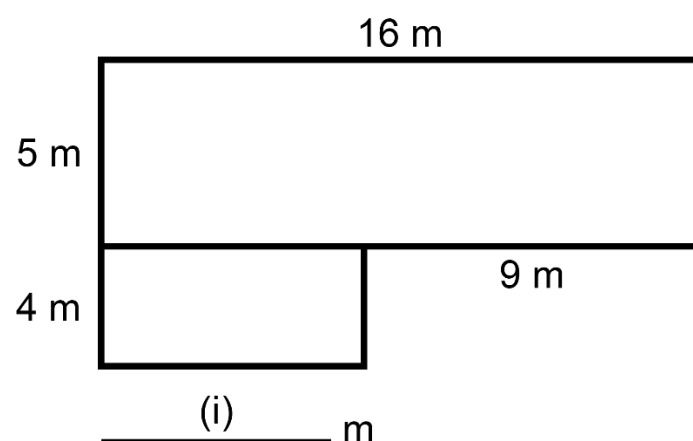
Table for Question 12

Swindon to Highworth					
Swindon	06 55	08 31	08 57	09 09	09 24
Lower Stratton	07 12	08 48	09 12	09 24	09 38
South Marston	07 21	08 57	09 21	09 33	09 46
Highworth	07 27	09 03	09 27	09 39	09 51

Diagram for Question 13