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Candidate surname	Other names
Centre Number	Candidate Number
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Pearson Edexcel Award

Time 1 hour

Paper reference **ANM10/1A**

Number and Measure

Level 1

SECTION A (Calculator)

You must have: Ruler, protractor, calculator.	YOU WILL BE GIVEN: Diagram Booklet Bumpsons for Question 9(a) Model for Question 8	Total Marks
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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 section 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.

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].

Turn over ►

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J:1/1/1/



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)

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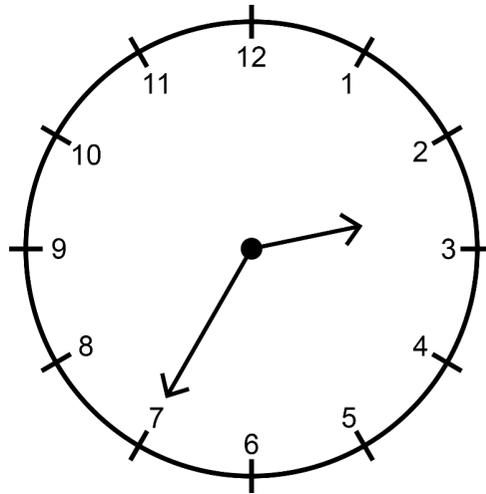
2 (a) Write 15% as a decimal. [1 mark]

(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 this clock.

(Total for Question 3 is 2 marks)



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4 (a) Work out $3\text{ kg } 572\text{ g} + 4\text{ kg } 690\text{ g} - 2\text{ kg } 415\text{ g}$ [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)

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6 Look at the table for Question 6 in the diagram booklet. It shows part of a calendar for May 2021

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

(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)



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.

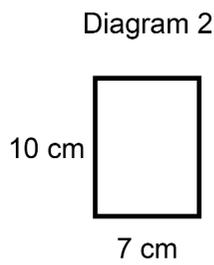
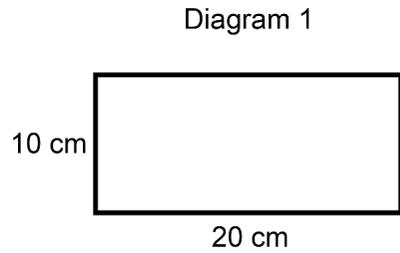
How much change should Wilfred get? Write your answer in pounds (£).

(Total for Question 7 is 4 marks)

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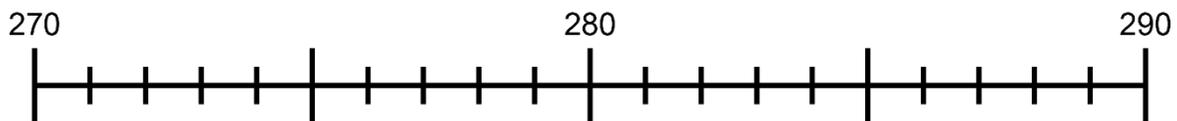
8 Look at the model and diagrams for Question 8 in the diagram booklet. They are NOT accurate. The model shows a cuboid. It is 20 cm long, 7 cm wide and 10 cm high. Diagram 1 shows the front view of the cuboid. Diagram 2 shows the side view of the cuboid.



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

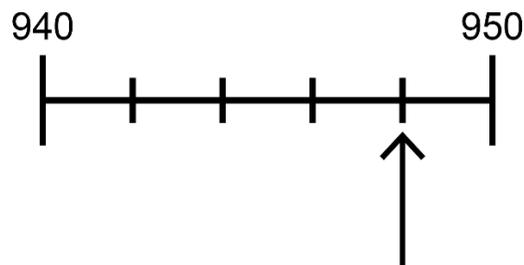
(Total for Question 8 is 2 marks)

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
Bumpsons 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.

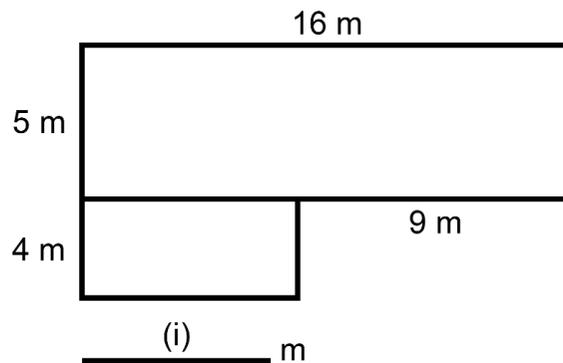


(b) Write down the number shown by the arrow. [1 mark]

(Total for Question 9 is 2 marks)



- 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)

- 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)



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

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

- (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]

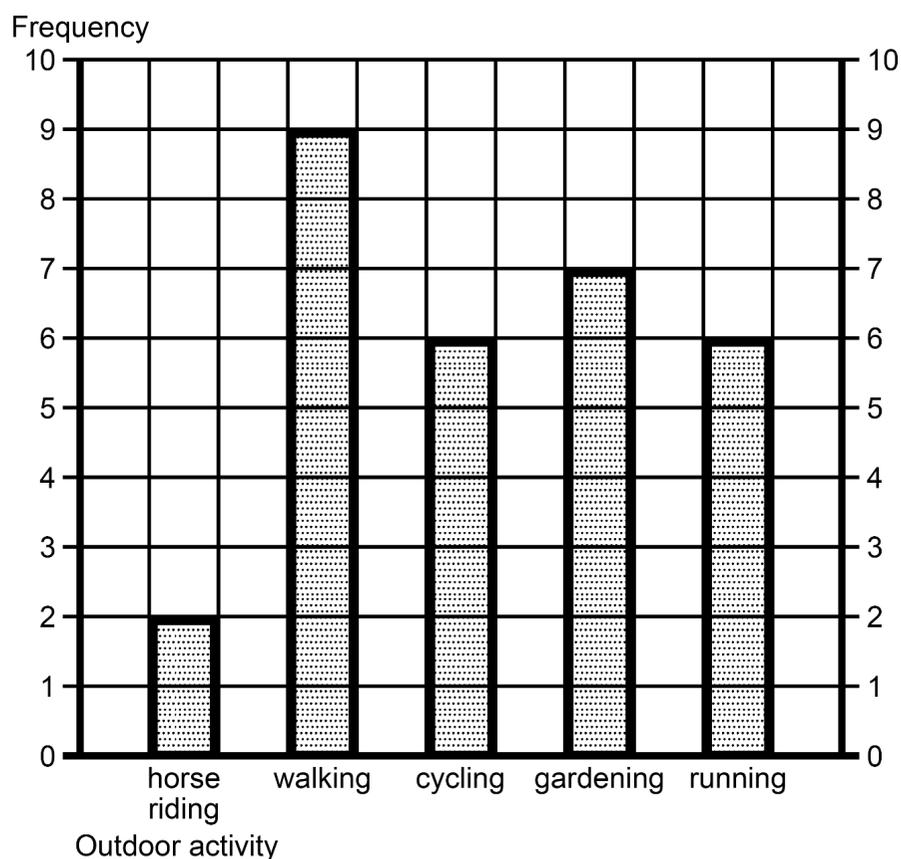
Abby catches the 08 48 bus from Lower Stratton.

- (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)



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)



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)



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)

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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

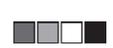


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