Please check the examination details below before entering your candidate information

Candidate surname	Other names

Centre Number	Candidate Number

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,
Bumpons for Question 10(b)
Model for Question 6

Total Marks

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

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.
- Please note: this paper contains facing pages.
- [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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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 $5\,m\,78\,cm + 3\,m\,63\,cm - 2\,m\,56\,cm$

(Total for Question 2 is 2 marks)

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)

4 (a) Work out $\dfrac{2}{5} \times 720$ [2 marks]

(b) Work out 15% of 840 [2 marks]

(Total for Question 4 is 4 marks)

P 6 6 3 2 4 A 0 3 1 2

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

BAKER'S SHOP

bread roll........... 29p

doughnut.............75p

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)

P 6 6 3 2 4 A 0 4 1 2

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 font view of the cuboid.
Diagram 2 shows the side view of the cuboid.
The model is a cuboid.

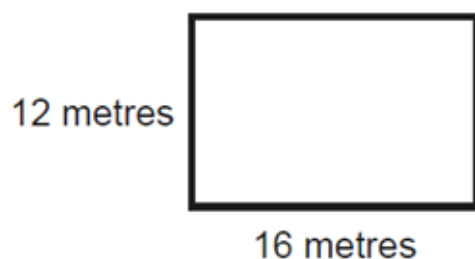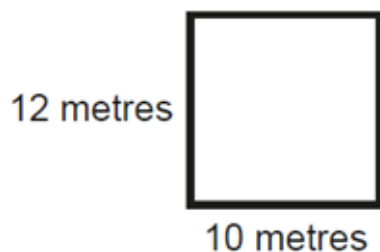Work out the volume of the cuboid.
Write your answer in m³.

Diagram 1

12 metres

16 metres

Diagram 2

12 metres

10 metres

(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)

8 Look at the table for Question 8 in the diagram booklet. It shows part of a calendar for April 2020

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

(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)

9 On the facing page there 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

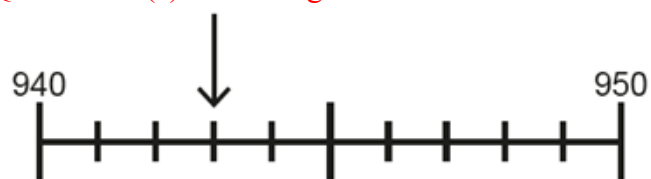(a) Which teacher is the youngest? [1 mark]

(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)

Turn over ▶

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.[1 mark]

(b) On the scale, mark the number 808. Bumpons have been provided if you wish to use them. [1 mark]

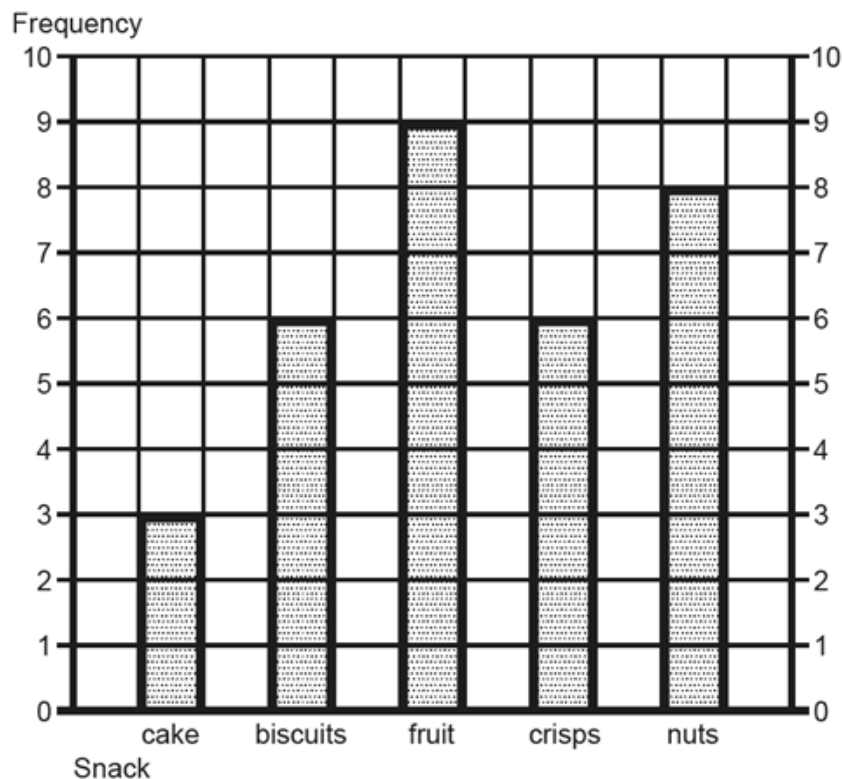(c) Write the number **nine hundred and seventeen** in figures. [1 mark]

(d) Write the number 547 to the nearest 10. [1 mark]

(Total for Question 10 is 4 marks)

P 6 6 3 2 4 A 0 8 1 2

11 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)

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)

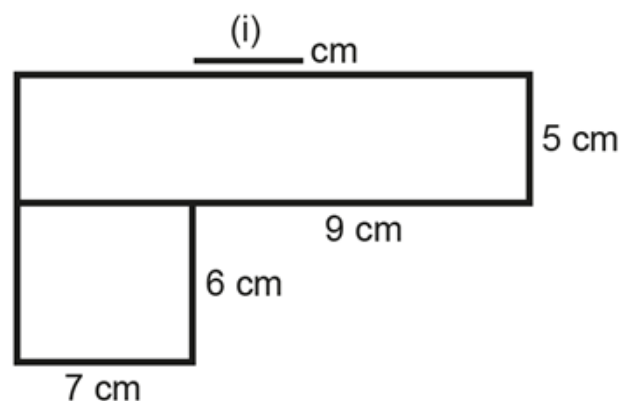**13** Samantha buys a pack of 12 identical pieces of wrapping paper for £5.50

What is the cost of one of these pieces of wrapping paper?
Give your answer to the nearest penny.
Write your answer in pence (p).

(Total for Question 13 is 2 marks)

P 6 6 3 2 4 A 0 1 0 1 2

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 cm² [3 marks]

(Total for Question 14 is 4 marks)

15 Write 260 minutes in hours and minutes.

(Total for Question 15 is 2 marks)

Turn over ▶

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