Candidate surname		Other names

Centre Number	Candidate Number

Pearson Edexcel Award

Time 1 hour

Number and Measure
Level 1
Section A (Calculator)

You must have:
Ruler graduated in centimetres and millimetres, protractor, pen, HB pencil, eraser, calculator.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
  – *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 3.142 unless the question instructs otherwise.

Information

- The total mark for this paper 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*.

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.

Pearson

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 $18.7 - 7.65 + 4.15$

....

(1)

(b) Use your calculator to work out 8.5×9.2

....

(1)

(c) Use your calculator to work out $20.6 \div 0.4$

....

(1)

(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 Here are some numbers.

| 6 | 9 | 17 | 20 | 27 | 35 | 42 |

From these numbers,

(a) write down a multiple of 5

....
(1)

(b) write down a prime number

....
(1)

(c) write down a common factor of 24 and 30

....
(1)

(Total for Question 3 is 3 marks)

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

....
(2)

(b) Work out 15% of 840

....
(2)

(Total for Question 4 is 4 marks)

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

           1 brown loaf

She pays with a £10 note.

How much change should Abigail get?

£..

(Total for Question 5 is 4 marks)

6 Here is a cuboid.

12 m

10 m

16 m
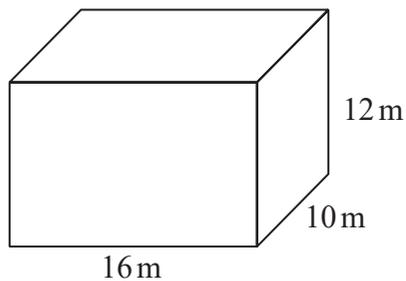
Work out the volume of the cuboid.

.... m³

(Total for Question 6 is 2 marks)

7 (a) Write $\dfrac{3}{5}$ as a decimal.

....

(1)

(b) Write 70% as a fraction.

....

(1)

(Total for Question 7 is 2 marks)

8 Here is 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)

(b) What was the date three weeks after the 21st April 2020?

....

(2)

(Total for Question 8 is 3 marks)

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
Renee	31	Mathematics	bus
Ned	56	Science	walk
Harju	28	English	bicycle
Dai	35	Art	bicycle

(a) Which teacher is the youngest?

....

(1)

(b) Who teaches English and travels to work by bicycle?

....

(1)

(c) Which two teachers have the same age?

.... and ....

(1)

(Total for Question 9 is 3 marks)

10 Here is a scale.
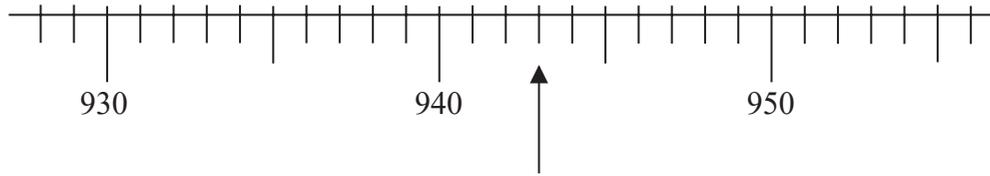
(a) Write down the number shown by the arrow.

....

Here is a different scale.
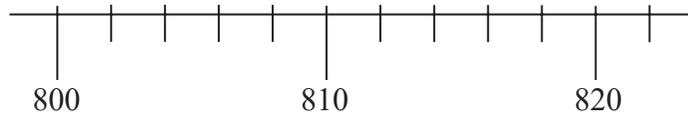
(b) On the scale, mark with an arrow (↑) the number 808

(c) Write the number **nine hundred and seventeen** in figures.

..

(d) Write the number 547 to the nearest 10

....

(Total for Question 10 is 4 marks)

11 The bar chart shows information about the favourite snack of each student in class 11Q.
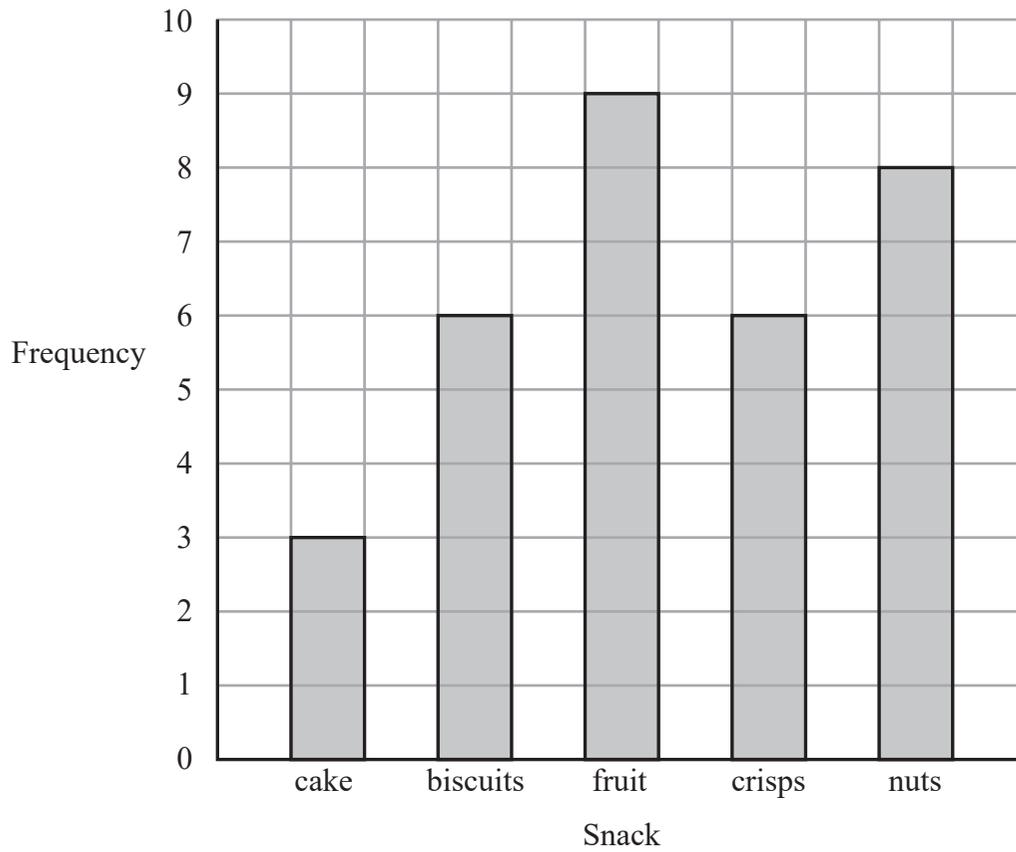
(a) Which snack is the favourite of most students in class 11Q?

....

(1)

(b) Which two snacks have the same frequency?

.... and ....

(1)

More students in class 11Q have nuts as their favourite snack than have cake as their favourite snack.

(c) How many more?

....

(2)

(Total for Question 11 is 4 marks)

12 You can use this table 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.

.... dollars

(2)

(b) Convert 91 dollars to pounds.

£ ....

(2)

(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.

....p

(Total for Question 13 is 2 marks)

14 Here is a shape made from two rectangles.
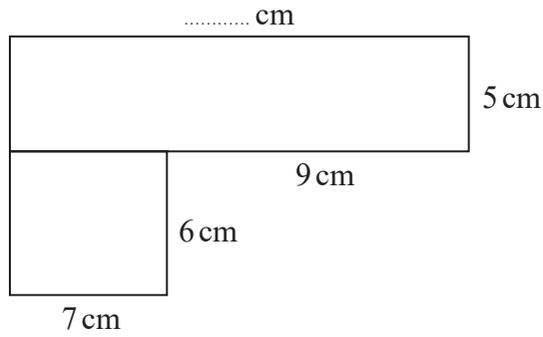
The length of one of the sides of one of the rectangles is missing from the diagram.

(a) On the dotted line, write the length of this side.

(1)

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

.... cm²

(3)

(Total for Question 14 is 4 marks)

15 Write 260 minutes in hours and minutes.

.... hours .... minutes

(Total for Question 15 is 2 marks)

16 Here is Asha's electricity bill for January 2021

Electricity Bill	January 2021
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