Name: _____

BennettMaths Edexcel 3F – Part 1

1   Write the number five thousand nine hundred and seventeen in figures.

....

(Total for Question 1 is 1 mark)

2   Write $\dfrac{7}{10}$ as a percentage.

....%

(Total for Question 2 is 1 mark)

3   Simplify $q + q + q + q$

....

(Total for Question 3 is 1 mark)

4   Change 4 kilograms into grams.

.... grams

(Total for Question 4 is 1 mark)

5   –2   5   –3   4   1

Write these numbers in order of size.
Start with the smallest number.

....

(Total for Question 5 is 1 mark)

6 The diagram shows a shape on a centimetre grid.
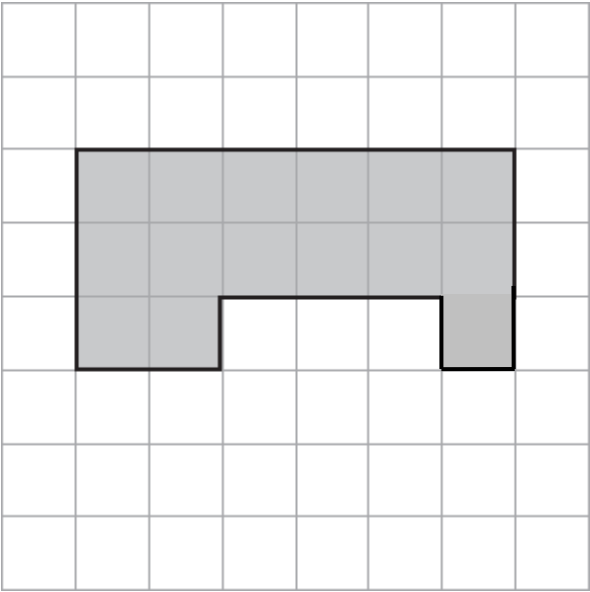
(*a*) Find the perimeter of the shape.

.... cm

(1)

(*b*) Find the area of the shape.

.... cm^2

(1)

(Total for Question 6 is 2 marks)

7 Here is a 4-sided spinner.
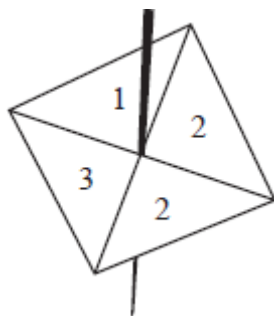
Samina spins the spinner once.

(*a*) Choose the word that best describes the probability that the spinner lands on 1

| impossible | unlikely | evens | likely | certain |

....
(1)

(*b*) Choose the word that best describes the probability that the spinner lands on a number greater than 3

| impossible | unlikely | evens | likely | certain |

....
(1)

Rosanna rolls a biased dice once.
The probability that she gets the number 6 is 0.2

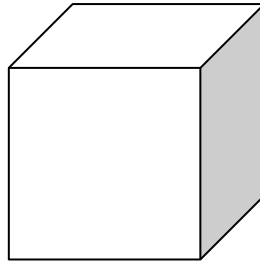(*c*) Work out the probability that Rosanna does **not** get the number 6

....
(1)

(Total for Question 7 is 3 marks)

8   A quadrilateral has 4 straight sides and one pair of parallel sides .

(*a*) Write down the mathematical name of this quadrilateral.

....
(1)

The diagram shows a solid shape.

(*b*) Write down the mathematical name of this shape.

....
(1)

(Total for Question 8 is 2 marks)

9 The table shows the number of films watched by four people in one week.

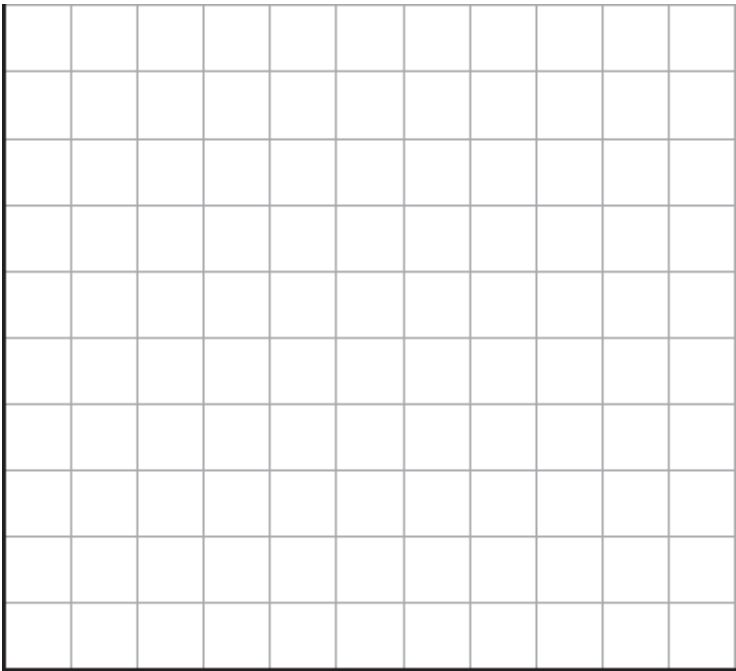| Person	Number of films
Kim	2
Ali	5
Sam	9
Belle	4

(*a*) Work out the mean number of films.

....
(2)

(*b*) Find the range.

....
(1)

(*c*) On the grid, draw a bar chart to show the information in the table.

(3)

(Total for Question 9 is 6 marks)

10 Wendy begins cycling at 7 30 a.m.
She cycles for 2 hours and 45 minutes.

Wendy then rests for 35 minutes.
She then cycles for 80 minutes to a train station.

Does Wendy get to the train station before 12 noon?
You must show how you get your answer.

(Total for Question 10 is 4 marks)

11 Gary thinks of a number.

He multiplies his number by 3 and then subtracts 11
His answer is 40

What number did Gary think of?

....

(Total for Question 11 is 3 marks)