

Write your name here

Surname

Other names

Pearson Edexcel
Level 1 / Level 2
GCSE (9–1)

Centre Number

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Candidate Number

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Mathematics

Paper 1 (Non-Calculator)

Foundation Tier

Thursday 25 May 2017 – Morning
Time: 1 hour 30 minutes

Paper Reference

1MA1/1F

You must have: Ruler graduated in centimetres and millimetres,
protractor, pair of compasses, pen, HB pencil, eraser.
Tracing paper may be used.

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.*
- You must **show all your working**.
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- **Calculators may not be used.**

Information

- The total mark for this paper is 80
- 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.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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Pearson

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

1 Work out the value of 2^4

.....

(Total for Question 1 is 1 mark)

2 Write 7.26451 correct to 3 decimal places.

.....

(Total for Question 2 is 1 mark)

3 (a) Simplify $7 \times e \times f \times 8$

.....

(1)

(b) Solve $\frac{x}{5} = 2\frac{1}{2}$

$x =$

(1)

(Total for Question 3 is 2 marks)

4 Write $\frac{4}{5}$ as a percentage.

.....%

(Total for Question 4 is 1 mark)

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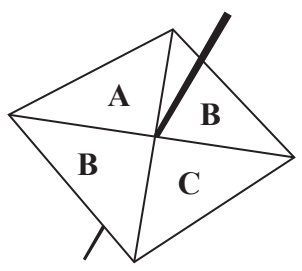
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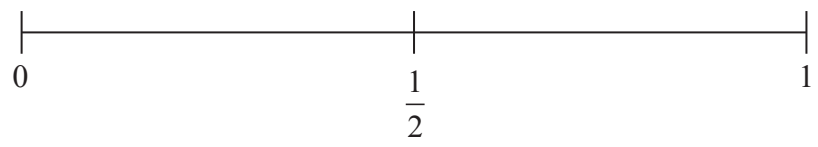
5 Work out 60% of 70

(Total for Question 5 is 2 marks)

6 Sammy spins a fair 4-sided spinner.

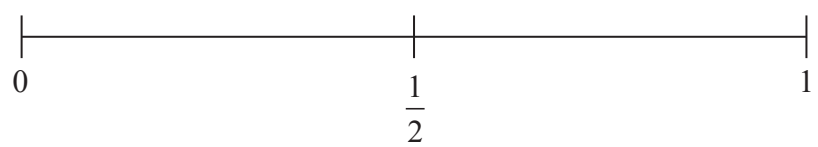


(i) On the probability scale, mark with a cross (×) the probability that the spinner will land on B.



(1)

(ii) On the probability scale, mark with a cross (×) the probability that the spinner will land on F.



(1)

(Total for Question 6 is 2 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

7 (a) Simplify $5p - 3p + p$

.....
(1)

(b) Simplify $m^3 + m^3$

.....
(1)

(c) Simplify $10 + 3c + 5d - 7c + d$

.....
(2)

(Total for Question 7 is 4 marks)

8 Write 56.78 correct to one significant figure.

.....
(Total for Question 8 is 1 mark)

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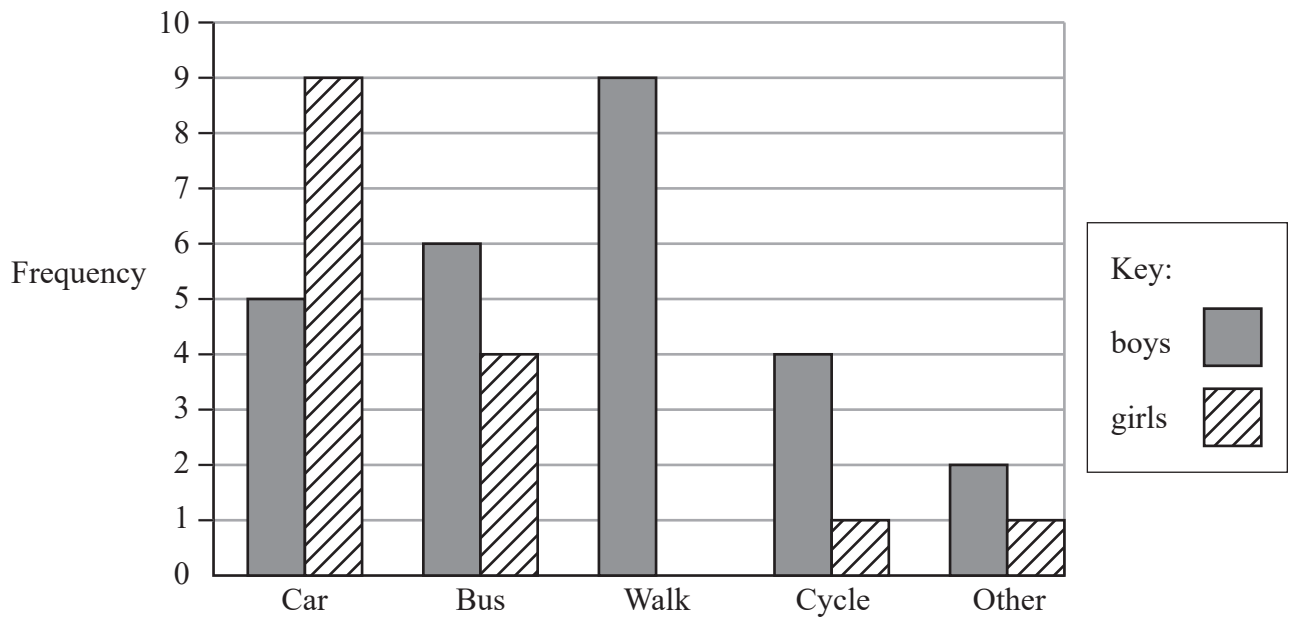


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9 A teacher asks the students in Year 6 what type of transport they use to get to school. The dual bar chart shows some of the results.



(a) What is the most popular type of transport used by the boys?

.....
(1)

7 girls walk to school.

(b) Show this information on the dual bar chart.

(1)

More of the students get to school by car than by bus.

(c) How many more?

.....
(1)

The number of students in Year 5 is the same as the number of students in Year 6

(d) What is the total number of students in Years 5 and 6?

.....
(2)

(Total for Question 9 is 5 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

10 The table shows the lengths of five rivers.

River	Length (km)
Trent	297
Don	112
Severn	354
Thames	346
Mersey	113

(a) Write down the rivers in order of length.

Start with the shortest river.

(1)

Ami says,

“The River Thames is more than three times as long as the River Don.”

(b) Show that Ami is correct.

(1)

(Total for Question 10 is 2 marks)

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Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

11 (a) Change 365 cm into metres.

..... m
(1)

(b) Change 2.7 kg into grams.

..... g
(1)

(Total for Question 11 is 2 marks)

12 Work out $2 + 7 \times 10$

.....

(Total for Question 12 is 1 mark)

13 Solve $\frac{y}{4} = 10.5$

$y =$

(Total for Question 13 is 1 mark)

14 Here are four numbers.

-9 -2 2 9

Write one of these numbers in each box to make a correct calculation.

$$\begin{array}{|c|} \hline \\ \hline \dots\dots\dots \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \dots\dots\dots \\ \hline \end{array} = -7$$

(Total for Question 14 is 1 mark)

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15 Here are the first four terms of a number sequence.

2 5 11 23

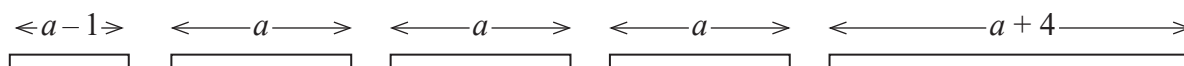
The rule to continue this sequence is

multiply the previous term by 2 and then add 1

Work out the 5th term of this sequence.

(Total for Question 15 is 1 mark)

16 Here are five straight rods.



All measurements are in centimetres.

The total length of the five rods is L cm.

Find a formula for L in terms of a .

Write your formula as simply as possible.

(Total for Question 16 is 3 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

17 Write $\frac{7}{100}$ as a decimal.

.....

(Total for Question 17 is 1 mark)

18 Write down a multiple of 6 that is between 40 and 50

.....

(Total for Question 18 is 1 mark)

19 (a) Simplify $3f \times 5g$

.....

(1)

(b) Simplify $t \times t$

.....

(1)

(c) Simplify $\frac{2n + 6n}{2}$

.....

(1)

(Total for Question 19 is 3 marks)

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20 Ken buys some fruit.

He buys apples, bananas, peaches and oranges.
Ken buys

- 4 apples weighing 125 g each
- 2 bananas weighing 170 g each
- 3 peaches weighing 135 g each

Each orange has a weight of 90 g.

The fruit has a total weight of 1.785 kg.

(a) Work out how many oranges Ken buys.

.....
(3)

Jane wants to buy 15 tomatoes.
She asks for 1 kg of tomatoes at a shop.
Jane assumes that each tomato has a weight of 75 g.

(b) (i) If Jane's assumption is correct, will she get 15 tomatoes?
You must show how you get your answer.

(2)

(ii) If Jane's assumption is **not** correct, could she get 15 tomatoes?
Justify your answer.

.....
.....
(1)

(Total for Question 20 is 6 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

21 Write 3758 correct to the nearest 1000

.....
(Total for Question 21 is 1 mark)

22 Simplify $y + 3y - 2y$

.....
(Total for Question 22 is 1 mark)

23 Write down all the factors of 18

.....
(Total for Question 23 is 2 marks)

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24 The table gives information about the prices of cinema tickets.

Cinema ticket	Price
adult ticket	£7.80
child ticket	£5.80
family ticket (for 4 people)	£24.30

Mr Edwards and his 3 children go to the cinema.

It is cheaper for Mr Edwards to buy 1 family ticket rather than 4 separate tickets.

(a) How much cheaper?

.....
(3)

The film starts at 6.45 pm.
The film lasts 102 minutes.

(b) What time does the film finish?

.....
(2)

(Total for Question 24 is 5 marks)






- 25 Thais has a large bottle of shampoo.
There are 2 litres of shampoo in the large bottle.

Thais also has some empty small bottles.
Each small bottle can be completely filled with 150 ml of shampoo.

How many small bottles can be completely filled with shampoo from the large bottle?

(Total for Question 25 is 3 marks)

- 26 The incomplete pictogram shows information about the number of cycles sold in a shop on Tuesday, on Wednesday and on Thursday.

Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

Key:

A total of 20 cycles were sold on Tuesday, Wednesday and Thursday.

8 cycles were sold on Friday.

15 cycles were sold on Saturday.

Use this information to complete the pictogram.

(Total for Question 26 is 3 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

27 Write 4038 correct to the nearest thousand.

.....
(Total for Question 27 is 1 mark)

28 (a) Write the following numbers in order of size.
Start with the smallest number.

-1 6 -2 0 12

.....
(1)

(b) Write the following numbers in order of size.
Start with the smallest number.

0.315 0.000513 0.00315 0.513

.....
(1)

(Total for Question 2 is 28 marks)

29 Write 60% as a fraction.

.....
(Total for Question 29 is 1 mark)

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30 Here is a list of four fractions.

$$\frac{4}{16} \qquad \frac{2}{12} \qquad \frac{15}{60} \qquad \frac{3}{4}$$

Two of these fractions are **not** equivalent to $\frac{1}{4}$

Write down these fractions.

.....

(Total for Question 30 is 1 mark)

31 Write down the first even multiple of 11

.....

(Total for Question 31 is 1 mark)

32 (a) Simplify $7 \times 3t$

.....

(1)

(b) Simplify $6a - 4a + 7a$

.....

(1)

(Total for Question 32 is 2 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

33 Write 6324 correct to the nearest thousand.

.....
(Total for Question 33 is 1 mark)

34 (a) Write the following numbers in order of size.
Start with the smallest number.

-6 6 -5 0 12

.....
(1)

(b) Write the following numbers in order of size.
Start with the smallest number.

0.078 0.78 0.87 0.708

.....
(1)

(Total for Question 34 is 2 marks)

35 Write 20% as a fraction.

.....
(Total for Question 35 is 1 mark)

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36 Here is a list of four fractions.

$$\frac{4}{16} \qquad \frac{2}{8} \qquad \frac{15}{60} \qquad \frac{3}{9}$$

One of these fractions is **not** equivalent to $\frac{1}{4}$

Write down this fraction.

.....

(Total for Question 36 is 1 mark)

37 Write down the first even multiple of 7

.....

(Total for Question 37 is 1 mark)

38 (a) Simplify $3 \times 4t$

.....

(1)

(b) Simplify $8a - 3a + 2a$

.....

(1)

(Total for Question 38 is 2 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

39 Write $\frac{7}{50}$ as a percentage.

.....%

(Total for Question 39 is 1 mark)

40 Write 2.38 correct to 1 decimal place.

.....

(Total for Question 40 is 1 mark)

41 Work out the value of 5^5

.....

(Total for Question 41 is 1 mark)

42 Write down a 6 digit number that has 3 as its thousands digit.
You can only use the digit 3 once.

.....

(Total for Question 42 is 1 mark)

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43 (a) Change 72 cm to mm.

..... mm
(1)

(b) Change 6400 millilitres to litres.

..... litres
(1)

(c) Change 0.57 kilograms to grams.

..... grams
(1)

(Total for Question 43 is 3 marks)

44 Margaret is thinking of a number.
She says,

“My number is even. It is a factor of 36 and a multiple of 4”

There are three possible numbers Margaret can be thinking of.

Write down these three numbers.

.....
(Total for Question 44 is 3 marks)



45 Mohsin, Yusuf, Daisy and Luke are going to play a game.
At the end of the game, one of them will be in First place, one of them will be in Second place, one of them will be in Third place and one of them will be in Fourth place.

Use the table below to list all the possible outcomes of the game.

First	Second	Third	Fourth

(Total for Question 45 is 2 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

46 Write $\frac{4}{50}$ as a percentage.

.....%

(Total for Question 46 is 1 mark)

47 Write 1.59 correct to 1 decimal place.

.....

(Total for Question 47 is 1 mark)

48 Work out the value of 3^5

.....

(Total for Question 48 is 1 mark)

49 Write down a 6 digit number that has 4 as its thousands digit.
You can only use the digit 4 once.

.....

(Total for Question 49 is 1 mark)

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50 (a) Change 35 cm to mm.

..... mm
(1)

(b) Change 7700 millilitres to litres.

..... litres
(1)

(c) Change 0.32 kilograms to grams.

..... grams
(1)

(Total for Question 50 is 3 marks)

51 Margaret is thinking of a number.
She says,

“My number is odd. It is a factor of 36 and a multiple of 3”

There are two possible numbers Margaret can be thinking of.

Write down these two numbers.

.....
(Total for Question 51 is 3 marks)



52 Mohsin, Yusuf and Luke are going to play a game.

At the end of the game, one of them will be in First place, one of them will be in Second place and one of them will be in Third place.

Use the table below to list all the possible outcomes of the game.

First place	Second place	Third place

(Total for Question 52 is 2 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

53 Write $\frac{7}{50}$ as a percentage.

.....%

(Total for Question 53 is 1 mark)

54 Write 2.38 correct to 1 decimal place.

.....

(Total for Question 54 is 1 mark)

55 Work out the value of 5^5

.....

(Total for Question 55 is 1 mark)

56 Write down a 6 digit number that has 3 as its thousands digit.
You can only use the digit 3 once.

.....

(Total for Question 56 is 1 mark)

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57 (a) Change 72 cm to mm.

..... mm
(1)

(b) Change 6400 millilitres to litres.

..... litres
(1)

(c) Change 0.57 kilograms to grams.

..... grams
(1)

(Total for Question 57 is 3 marks)

58 Margaret is thinking of a number.
She says,

“My number is even. It is a factor of 36 and a multiple of 4”

There are three possible numbers Margaret can be thinking of.

Write down these three numbers.

.....
(Total for Question 58 is 3 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

59 Write $\frac{3}{10}$ as a decimal.

.....
(Total for Question 59 is 1 mark)

60 Write 0.2 as a percentage.

..... %
(Total for Question 60 is 1 mark)

61 Write the number 4537 correct to the nearest hundred.

.....
(Total for Question 61 is 1 mark)

62 Here are the first 4 terms of a sequence.

9 17 25 33

(a) (i) Write down the next term in the sequence.

.....
(1)

(ii) Explain how you got your answer.

.....
(1)

(b) Work out the 14th term of the sequence.

.....
(1)

(Total for Question 62 is 3 marks)

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63 Here are four digits.

1 8 4 7

(a) Use three of these digits to write down the largest possible 3-digit number.

.....
(1)

(b) Here are four different digits.

3 6 7 8

Put one of these digits in each box to give the smallest possible answer to the sum.
You must use each digit only once.

+

(1)

(Total for Question 63 is 2 marks)

64 Write down all the factors of 24

.....
(Total for Question 64 is 2 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

65 Write $\frac{9}{10}$ as a decimal.

.....

(Total for Question 65 is 1 mark)

66 Write 0.3 as a percentage.

.....%

(Total for Question 66 is 1 mark)

67 Write the number 2538 correct to the nearest hundred.

.....

(Total for Question 67 is 1 mark)

68 Here are the first 4 terms of a sequence.

2 9 16 23

(a) (i) Write down the next term in the sequence.

.....

(1)

(ii) Explain how you got your answer.

.....

(1)

(b) Work out the 10th term of the sequence.

.....

(1)

(Total for Question 68 is 3 marks)

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69 Here are four digits.

7 3 4 9

(a) Use three of these digits to write down the largest possible 3-digit number.

.....
(1)

(b) Here are four different digits.

8 2 1 6

Put one of these digits in each box to give the smallest possible answer to the sum.
You must use each digit only once.

$$\begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array}$$

(1)

(Total for Question 69 is 2 marks)

70 Write down all the factors of 30

.....
(Total for Question 70 is 2 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

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

0.4 0.02 0.37 0.152 0.2

.....
(Total for Question 71 is 1 mark)

72 Write 0.6 as a percentage.

..... %

(Total for Question 72 is 1 mark)

73 Here is a list of numbers.

3 5 7 12 15 18 20

From the list, write down a factor of 10

.....
(Total for Question 73 is 1 mark)

74 Write 7829 to the nearest 1000

.....
(Total for Question 74 is 1 mark)

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75 (a) Work out $3 \times 5 + 7$

.....
(1)

(b) Work out 2^3

.....
(1)

(c) Write brackets () in this statement to make it correct.

$$7 \times 2 + 3 = 35$$

(1)

(Total for Question 75 is 3 marks)

76 Sue has 2 cats.

Each cat eats $\frac{1}{4}$ of a tin of cat food each day.

Sue buys 8 tins of cat food.








Has Sue bought enough cat food to feed her 2 cats for 14 days?
You must show how you get your answer.

(Total for Question 76 is 3 marks)



77 There are only apple trees, cherry trees, pear trees and plum trees in an orchard.

The pictogram shows information about the numbers of apple trees, cherry trees and pear trees in the orchard.

Apple	  
Cherry	 
Pear	 
Plum	

Key:

 represents 4 trees

There is a total of 30 trees in the orchard.

Complete the pictogram.

(Total for Question 77 is 3 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

78 Write down the value of the 4 in the number 542.3

.....

(Total for Question 78 is 1 mark)

79 Write down a square number that is also an odd number.

.....

(Total for Question 79 is 1 mark)

80 (a) Change 4560 g into kg.

.....kg
(1)

(b) Change 7.3 m into mm.

.....mm
(1)

(Total for Question 80 is 2 marks)

81 Work out the cube root of 64

.....

(Total for Question 81 is 1 mark)

82 Write 0.31 as a fraction.

.....

(Total for Question 82 is 1 mark)

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83 Here are four fractions.

$$\frac{3}{4}$$

$$\frac{5}{7}$$

$$\frac{19}{25}$$

$$\frac{11}{15}$$

Write the fractions in order of size.
Start with the smallest fraction.

.....
(Total for Question 83 is 2 marks)

84 (a) Simplify $3m - m - m + 3m$

.....
(1)

(b) Simplify $2 \times n \times p \times 4$

.....
(1)

(Total for Question 84 is 2 marks)

85 A map has a scale of 1 cm to 14 km.

On the map, the distance between Manchester and London is 18.8 cm.

What is the real distance, in km, between Manchester and London?

..... km

(Total for Question 85 is 2 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

86 Write a number in each box to make the calculation correct.

(i) $56.3 + \boxed{\text{.....}} = 100$

(1)

(ii) $\frac{2}{7} + \boxed{\text{.....}} = 1$

(1)

(Total for Question 86 is 2 marks)

87 Write 3% as a fraction.

.....
(Total for Question 87 is 1 mark)

88 Find $\sqrt{1.44}$

.....
(Total for Question 88 is 1 mark)

89 Work out $\frac{1}{8}$ of 720

.....
(Total for Question 89 is 1 mark)

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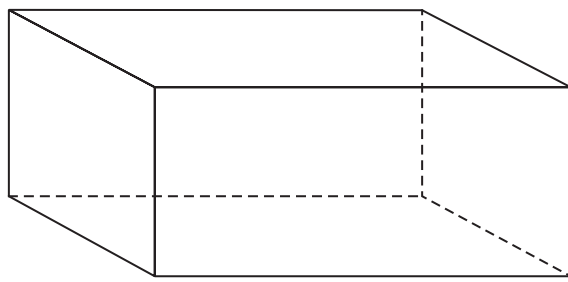
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90 Here is a 3-D shape.



(a) Write down the name of this 3-D shape.

.....
(1)

(b) Write down the number of edges of this 3-D shape.

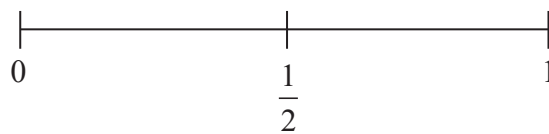
.....
(1)

(Total for Question 90 is 2

marks)

91 An ordinary fair dice is thrown once.

(a) On the probability scale below, mark with a cross (×) the probability that the dice lands on an odd number.



(1)

(b) Write down the probability that the dice lands on a number greater than 4

.....
(1)

(Total for Question 91 is 2 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

92 Write 240 minutes in hours.

..... hours

(Total for Question 92 is 1 mark)

93 Write 0.38 as a percentage.

..... %

(Total for Question 93 is 1 mark)

94 Work out $10 \times (3 + 7)$

.....

(Total for Question 94 is 1 mark)

95 Write down a prime number that is between 30 and 40

.....

(Total for Question 95 is 1 mark)

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96 Find the number that is exactly halfway between 9 and 21

.....

(Total for Question 96 is 1 mark)

97 Harry is planning a holiday for 3 people for 7 days.

Here are the costs for the holiday for **each person**.

Travel	£160
Hotel	£60 for each day
Spending money	£250

Work out the total cost of the holiday for 3 people for 7 days.

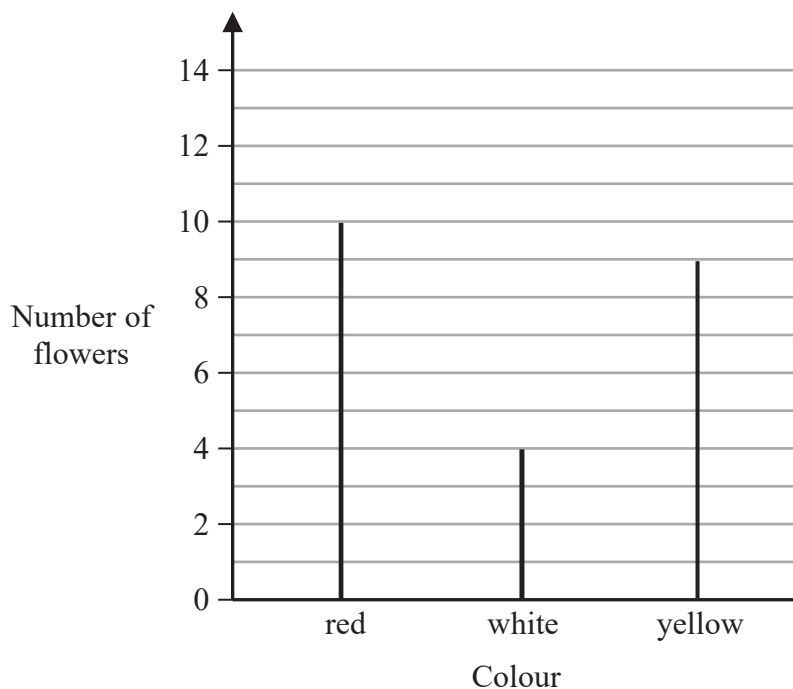
£.....

(Total for Question 97 is 4 marks)



98 In Adam's garden, the flowers are only red or white or yellow or blue.

The chart shows the number of red flowers, the number of white flowers and the number of yellow flowers.



The total number of flowers is 30

(a) Work out the number of blue flowers.

.....
(2)

(b) Write down the mode.

.....
(1)

(Total for Question 98 is 3 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

99 Write 420 minutes in hours.

..... hours

(Total for Question 99 is 1 mark)

100 Write 0.59 as a percentage.

..... %

(Total for Question 100 is 1 mark)

101 Work out $10 \times (5 + 4)$

.....

(Total for Question 101 is 1 mark)

102 Write down a prime number that is between 60 and 70

.....

(Total for Question 102 is 1 mark)

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103 Find the number that is exactly halfway between 83 and 151

.....

(Total for Question 103 is 1 mark)

104 Harry is planning a holiday for 5 people for 9 days.

Here are the costs for the holiday for **each person**.

Travel	£235
Hotel	£85 for each day
Spending money	£275

Work out the total cost of the holiday for 5 people for 9 days.

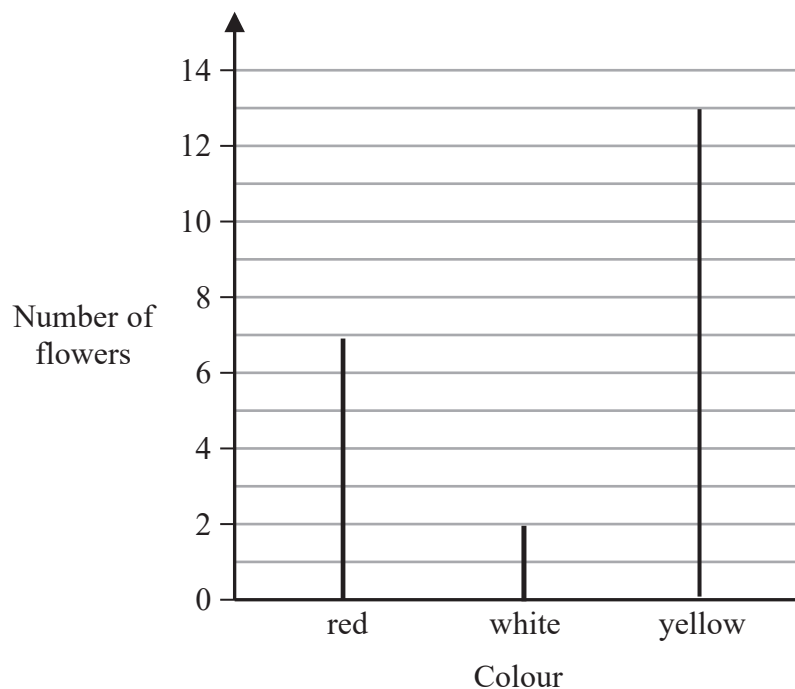
£.....

(Total for Question 104 is 4 marks)



105 In Adam's garden, the flowers are only red or white or yellow or blue.

The chart shows the number of red flowers, the number of white flowers and the number of yellow flowers.



The total number of flowers is 30

(a) Work out the number of blue flowers.

.....
(2)

(b) Write down the mode.

.....
(1)

(Total for Question 105 is 3 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

106 Write 180 minutes in hours.

..... hours

(Total for Question 106 is 1 mark)

107 Write 0.73 as a percentage.

..... %

(Total for Question 107 is 1 mark)

108 Work out $10 \times (3 + 5)$

.....

(Total for Question 108 is 1 mark)

109 Write down a prime number that is between 20 and 30

.....

(Total for Question 109 is 1 mark)

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110 Find the number that is exactly halfway between 7 and 15

.....

(Total for Question 110 is 1 mark)

111 Harry is planning a holiday for 4 people for 7 days.

Here are the costs for the holiday for **each person**.

Travel	£150
Hotel	£50 for each day
Spending money	£250

Work out the total cost of the holiday for 4 people for 7 days.

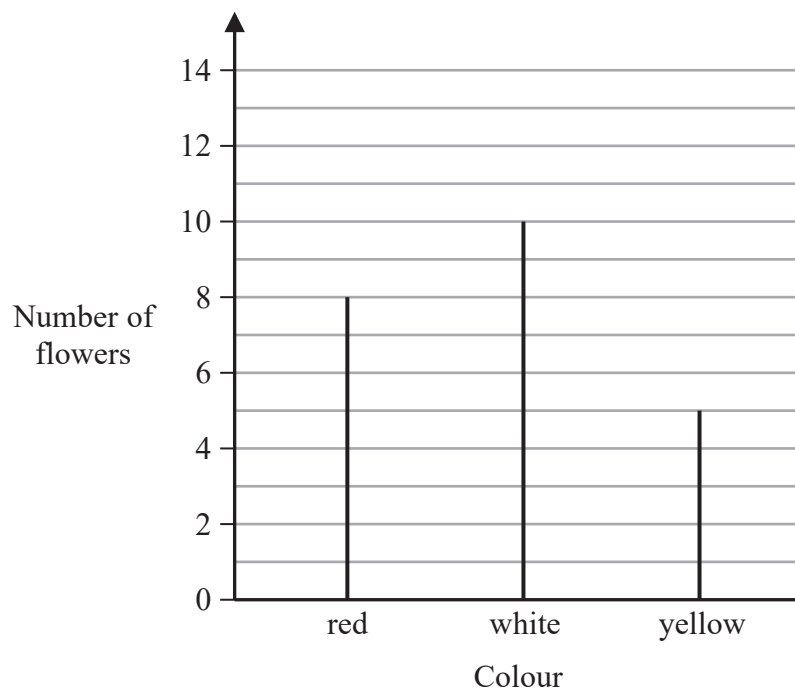
£.....

(Total for Question 111 is 4 marks)



112 In Adam's garden, the flowers are only red or white or yellow or blue.

The chart shows the number of red flowers, the number of white flowers and the number of yellow flowers.



The total number of flowers is 30

(a) Work out the number of blue flowers.

.....
(2)

(b) Write down the mode.

.....
(1)

(Total for Question 112 is 3 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

113 Write 0.68 as a fraction.

.....
(Total for Question 113 is 1 mark)

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

-3 -4 0 1 -2

.....
(Total for Question 114 is 1 mark)

115 Write down two factors of 24

.....
(Total for Question 115 is 1 mark)

116 Change 2846 grams to kilograms.

.....kg
(Total for Question 116 is 1 mark)

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117 Write the number four million in figures.

.....

(Total for Question 117 is 1 mark)

118 Dave goes into a cafe and buys 2 cups of coffee and a piece of cake.

Each cup of coffee costs £3.25

The cake costs £3.80

Dave pays with a £20 note.

He thinks he will get more than £9.50 in change.

Is Dave correct?

You must show how you get your answer.

(Total for Question 118 is 3 marks)



119 There are y boats on a lake.
There are 9 people in each boat.

Write an expression, in terms of y , for the total number of people in the boats.

.....

(Total for Question 119 is 1 mark)

120 (a) Simplify $b \times c \times 11$

.....

(1)

(b) Simplify $d \times d \times d$

.....

(1)

(c) Simplify fully $\frac{e \times d \times e \times f}{e \times e \times f \times f}$

.....

(2)

(Total for Question 120 is 4 marks)

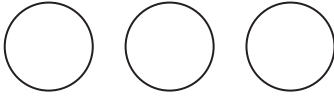
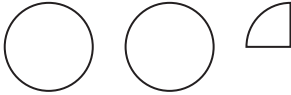


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
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121 The pictogram shows information about the number of vinyl records sold in a shop on Monday and on Tuesday.

Monday	
Tuesday	
Wednesday	
Thursday	

Key:



represents
12 vinyl records

(a) Write down the number of vinyl records sold

(i) on Monday,

.....
(1)

(ii) on Tuesday.

.....
(1)

On Wednesday and Thursday a total of 54 vinyl records were sold.
The number of records sold on Thursday was 2 times the number of records sold on Wednesday.

(b Use this information to complete the pictogram.

(3)

(Total for Question 121 is 5 marks)



Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

122 Write 0.07 as a fraction.

.....
(Total for Question 122 is 1 mark)

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

0 -1 2 -9 -0.5

.....
(Total for Question 123 is 1 mark)

124 Write down two factors of 35

.....
(Total for Question 124 is 1 mark)

125 Change 3481 grams to kilograms.

.....kg
(Total for Question 125 is 1 mark)

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126 Write the number twelve million in figures.

.....
(Total for Question 126 is 1 mark)

127 Dave goes into a cafe and buys 2 cups of coffee and a piece of cake.

Each cup of coffee costs £3.55

The cake costs £3.90

Dave pays with a £20 note.

He thinks he will get more than £9.00 in change.

Is Dave correct?

You must show how you get your answer.

(Total for Question 127 is 3 marks)



- 128 There are y boats on a lake.
There are 9 people in each boat.

Write an expression, in terms of y , for the total number of people in the boats.

.....
(Total for Question 128 is 1 mark)

- 129 (a) Simplify $a \times 2c \times 11$

.....
(1)

- (b) Simplify $d \times d \times 2d$

.....
(1)

- (c) Simplify fully $\frac{f \times f}{e \times e \times f \times f}$

.....
(2)

(Total for Question 129 is 4 marks)


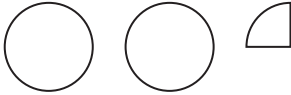


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
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130 The pictogram shows information about the number of vinyl records sold in a shop on Monday and on Tuesday.

Monday	
Tuesday	
Wednesday	
Thursday	

Key:



represents
12 vinyl records

(a) Write down the number of vinyl records sold

(i) on Monday,

.....
(1)

(ii) on Tuesday.

.....
(1)

On Wednesday and Thursday a total of 66 vinyl records were sold.

The number of records sold on Thursday was 2 times the number of records sold on Wednesday.

(b Use this information to complete the pictogram.

(3)

(Total for Question 130 is 5 marks)

