



TEST 1

MATHEMATICS

Name: _____

Date of birth: _____

Primary School: _____

Today's date: _____

Read the following guidelines before you start:

1. Open this booklet only when you have been told to do so.
2. You can use the area around the question for your working out.
3. Aim to complete all the questions within the time limit.
4. If you make a mistake, cross it out and clearly write the new answer.
5. If you get stuck on a question, do not waste time and move on to the next one.
6. Do not speak to anyone once the test has started.
7. You are **NOT** allowed to use an electronic calculator.

Time: 35 minutes

For examiner's use only

Page	Score
3	_____ (max 5)
4	_____ (max 8)
5	_____ (max 9)
6	_____ (max 8)
7	_____ (max 5)
8	_____ (max 4)
9	_____ (max 4)
10	_____ (max 2)

Total out of 45:

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You have 35 minutes to complete this paper. Write your answer clearly in the space provided.

Please leave blank

1 Calculate: 999×9

Answer: _____

1

2 Calculate: $4666 - 956$

Answer: _____

1

3 Calculate: $7\frac{1}{2} + 2\frac{3}{8}$

Answer: _____

1

4 Calculate: $1640 \div 8$

Answer: _____

1

5 Write down the next term in the sequence of number:

1, 4, 10, 19, _____

Answer: _____

1

Total marks:

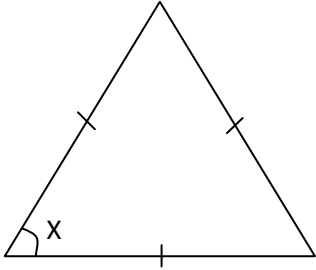
(Max 5)

Go to the next page now

3

Please leave blank

6 What is the size of the angle marked X?



Answer: _____ °

1

7 5, 12, 35, 36, 82

Which of these is:

(a). A prime number?

Answer: _____

(b). A multiple of 9?

Answer: _____

(c). A factor of 40?

Answer: _____

(d). A square number?

Answer: _____

4

8 Write this number to two decimal places?

2.347

Answer: _____

1

9 Work out the value of x if:

$$\frac{1}{32} + \frac{1}{64} = \frac{x}{64}$$

Answer: _____

2

Total marks:

(Max 8)

Please leave
blank

10 What is y if:

$$4y + 5 = 30 - y$$

Answer: _____

2

11 The marks, out of 10, achieved by 7 students in an exam were as follows:

7 9 3 5 4 7 7

What is the:

(a) Mean mark

Answer: _____

2

(b) Median mark

Answer: _____

2

(c) Modal mark

Answer: _____

1

12 Calculate the average amount of pocket money received by these five boys :

Kevin = £20.50

Jack = £5.75

Kamrul = £14.25

Katie = £9.00

Tom = £24.50

2

Total marks:

(Max 9)

Answer: _____

Go to the next page now

5

Please leave blank

13

The formula below gives the cost (in £) for the car Michael is hiring for his marketing.

$$\text{Cost} = 200 + 35(h - 1)$$

where h is the number of hours for which the car is hired.

How much will it cost Michael to hire the car for 6 hours?

Answer: £ _____

3

14

If the digit 5 is replaced by the digit 3 in each of the numbers below, which number is reduced by the largest amount?

98959

85300

78562

58351

90905

Answer: _____

1

15

40% of the land on Tusher's farm of 870 hectares is used to grow rice.

How many hectares are left for other uses?

Answer: _____

2

16

Umar will be X years old 6 years from now. How old was he 4 years ago? (Answer should include X)

Answer: _____

2

Total marks:

(Max 8)

17

What is the difference between the largest and the smaller number in this list?

20.3, 6.02, 2.08, 9.18, 15.08

Answer: _____

1

18

Five books cost £20
How much will eight books cost?

Answer: _____

2

19

The table shows the numbers of White and Black shapes in a box.

What is the probability that a shape taken out of the box will be a White Cube?

	White	Black
Cubes	10	12
Cuboids	9	7

2

Answer: _____

Total marks:

(Max 5)

Please leave blank

20

Tusher is drawing a pie chart showing the houses colors of all the houses in his locality.

He knows that 25% of the houses are White.

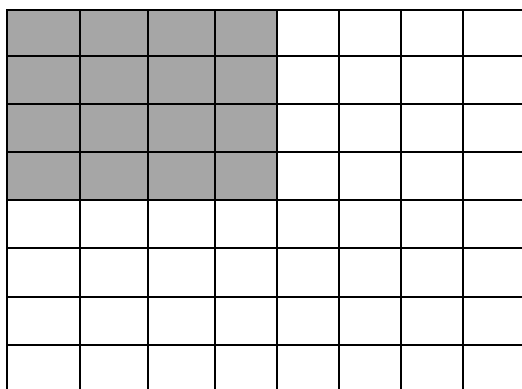
How large should he make the angle for the white sector.

Answer: _____

1

21

What percentage of the grid below is shaded?

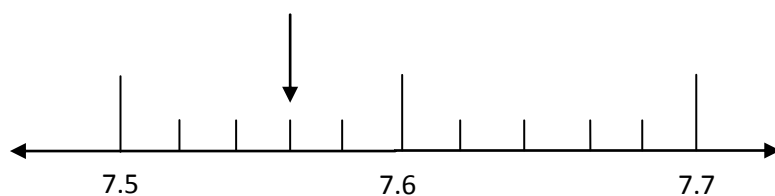


Answer: _____

2

22

On the number line below what number does the arrow point to?



Answer: _____

1

Total marks:

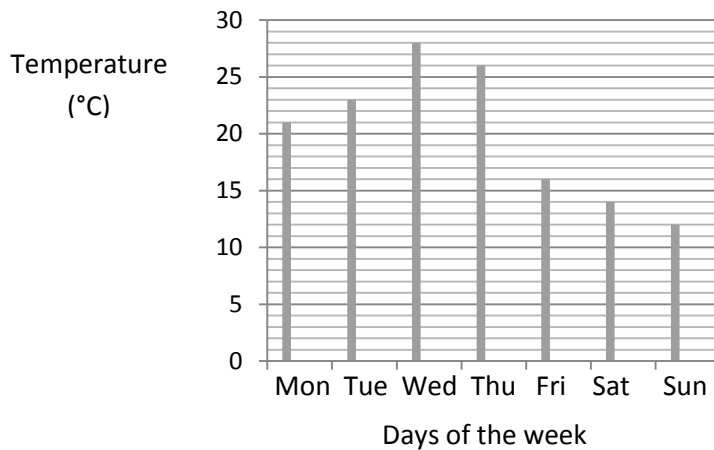
(Max 4)

Please leave blank

23

The bar chart shows the maximum temperature for seven days in June 2010.

What was the average maximum temperature for these seven days.



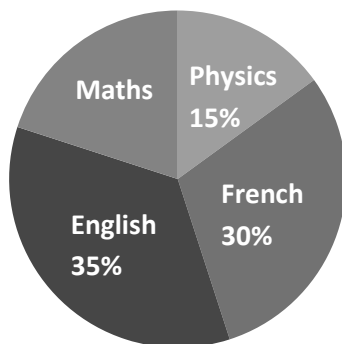
Answer: _____

2

24

The pie chart shows the percentages of different books on a table.

What percentage of the books are maths?



Answer: _____

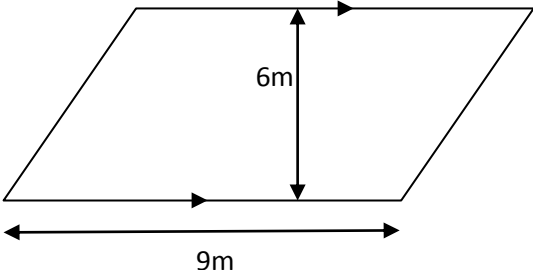
2

Total marks:

(Max 4)

25

Calculate the area of the following shape.
The lengths are in metres.



Answer: _____

Please leave
blank

2

Total marks:

(Max 2)

IF YOU HAVE ANY TIME REMAINING, CHECK YOUR ANSWERS AGAIN

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