



TEST 2

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 9)
5	_____ (max 4)
6	_____ (max 6)
7	_____ (max 6)
8	_____ (max 5)
9	_____ (max 5)
10	_____ (max 5)
11	_____ (max 5)

Total out of 50:

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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: 379×6

Answer: _____

1

2 Calculate: $9656 - 753$

Answer: _____

1

3 Calculate: $8.36 + 1.78$

Answer: _____

1

4 Calculate: $787.3 \div 7$

Answer: _____ (1 d.p)

1

5 Write down the next term in the following sequence of numbers:

5, 10, 17, 26, _____

1

Answer: _____

Total marks:

(Max 5)

Go to the next page now

3

6

7, 8, 45, 49, 80

From the list of numbers above choose which one of them is:

(a). A prime number?

Answer: _____

(b). A multiple of 9?

Answer: _____

(c). A factor of 40?

Answer: _____

(d). A square number?

Answer: _____

Please leave
blank

4

7

Write the following number to one decimal place:

9.044

Answer: _____

1

8Work out the value of x if :

$$\frac{2}{16} + \frac{2}{32} = \frac{x}{32}$$

Answer: $x =$ _____

2

9If $6x + 6 = 36 + x$. Calculate the value of x :Answer: $x =$ _____

2

Total marks:

(Max 9)

Go to the next page now

4

Please leave blank

10 Michelle likes to drink cans of mango juice.

The table shows the number of cans she drank on each the days of a particular week.

Day	Sat	Sun	Mon	Tues	Wed	Thurs	Fri
Number of Cans	3	3	6	5	?	3	3

The mean is 4 and the median is 3.

How many cans did Michelle drink on Wednesday?

Answer: _____ cans

2

11 Calculate the average goals scored by the following players.

Rooney	20
Messi	28
Ronaldo	27
Zidane	25
Owen	30

Answer: _____ goals

1

12 If the digit 3 is replaced by digit 2 in each of the numbers below, which number would be reduced by the largest amount?

97839 83400 78362 38351

Answer: _____

1

Total marks:

(Max 4)

Go to the next page now

5

Please leave blank

13

The formula given below is used to calculate the cost (in £) for making cakes.

$$\text{Cost} = 120 + 15(f - 1)$$

where f is the number of cake to be made.

Calculate how much it will cost to make 8 cakes?

Answer: £ _____

2

14

30% of the space in John's bedroom is covered with clothes.

The total area of the room is 140m^2 ?

How many meters are covered?

Answer: _____ m^2

2

15

Julie is 24 years old and Jack is 6 years younger than her.

How old was Jack 3 years ago?

Answer: _____ years

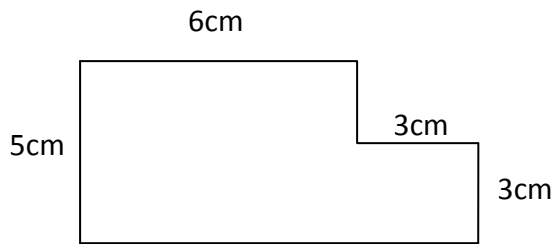
2

Total marks:

(Max 6)

16

For the shape below, work out the:



(a). The perimeter

Answer: _____ cm

(b). The area

Answer: _____ cm²

1

2

2

1

Please leave blank

Total marks:

(Max 6)

17

Calculate the range of the following set of data:

15.4, 6.05, 3.09, 4.07, 16.80

Answer: _____

2

18

Elaine bought eight chairs at a cost of £120.
How much would she have had to pay for nine tables?

Answer: £ _____

Please leave blank

19

The table shows the number of pink and blue shapes in a box. What is the probability that a shape taken out of the box will be a blue square?

	Pink	Blue
Circles	12	14
Squares	7	9

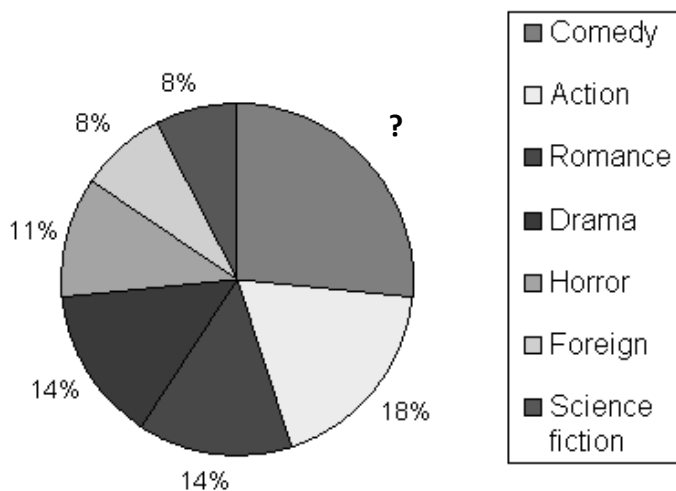
Answer: _____

2

20

The pie chart below shows the types of movie a group of people like. The percentage of the people that like Horror is missing.

Find the percentage of people that like horror movies.

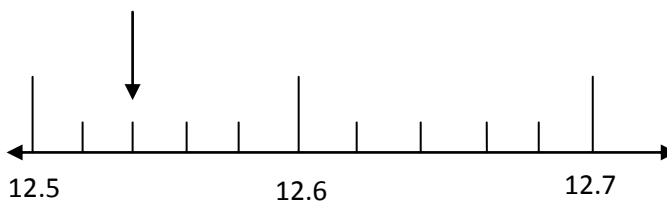


Answer: _____

2

21

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



Answer: _____

1

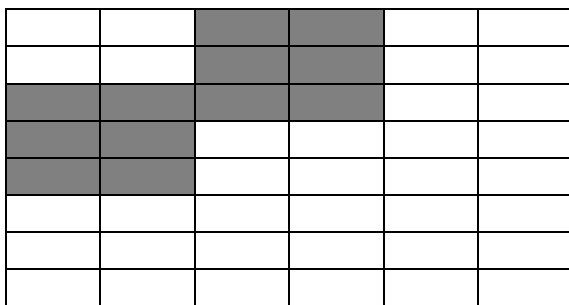
Total marks:

(Max 5)

Please leave blank

22

What percentage of the grid is shaded below:

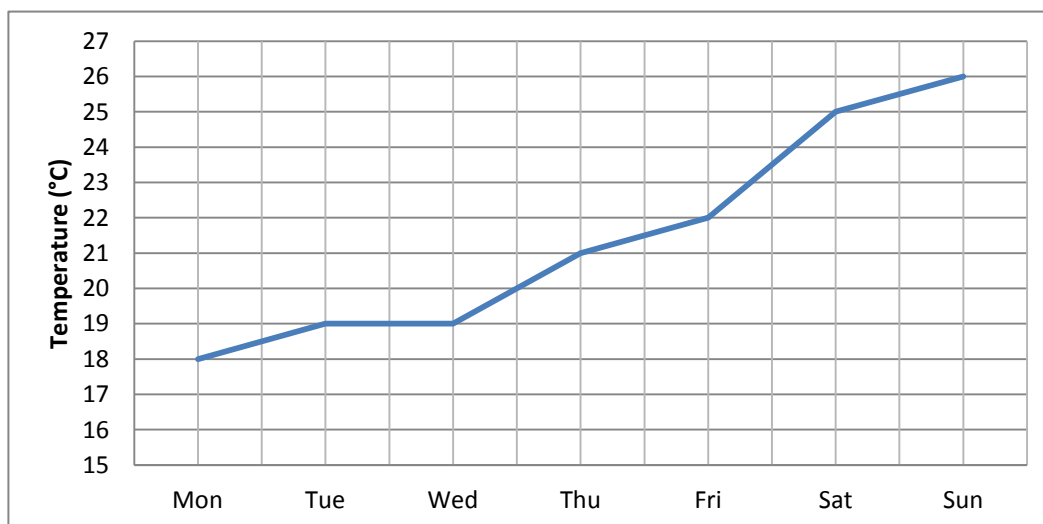


Answer: _____ %

2

23

The line graph below shows the temperature during a particular week in June.



(a). Calculate the average daily temperature between Monday and Thursday.

Answer: _____ °C

2

(b). How much warmer was it on Saturday compared to Monday?

Answer: _____ °C

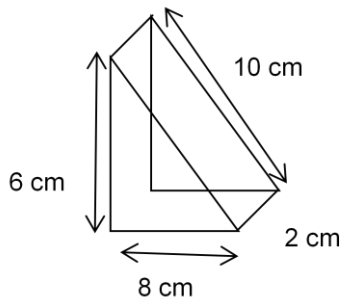
1

Total marks:

(Max 5)

24

Calculate the volume of this prism.



Answer: _____

Please leave blank

2**25**Calculate the value of x when $m = -7$

$$x = 3(m - 3)$$

Answer: _____

2**26**

A spinner is spun 50 times and it shows blue 12 times. If the spinner is spun 150 times how many time would you expect blue to show.

Answer: _____

1

Total marks:

(Max 5)

27

Find the midpoint of the following line segment joining the pair of points:

$$(4, 5) \text{ and } (8, 9) = (\quad , \quad)$$

Answer: _____

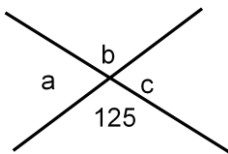
28

Write down all the factors of 10.

Answer: _____

29

Find the missing angles in the drawing below:



(a) Answer: _____

(b) Answer: _____

(c) Answer: _____

Please leave blank

1

1

1

1

1

Total marks:

(Max 5)

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IF YOU HAVE ANY TIME REMAINING, CHECK YOUR ANSWERS AGAIN

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