



**TEST 4**

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

**Total out of 46:**

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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:  $759 - 290$

Answer: \_\_\_\_\_

1

**2** Calculate:  $589 \times 7$

Answer: \_\_\_\_\_

1

**3** Calculate:  $320 \div 8$

Answer: \_\_\_\_\_

1

**4** Calculate:  $4.2 + 1.02$

Answer: \_\_\_\_\_

1

**5** Calculate:  $6\frac{4}{5} + 1\frac{9}{10}$

Answer: \_\_\_\_\_

1

Total marks:

(Max 5)

**Go to the next page now**

3

Please leave blank

6

Look at the sequence of numbers below. Find the next term in the sequence:

3, 7, 15, 31, \_\_\_\_\_,

Answer: \_\_\_\_\_

1

7

If turkey must be cooked for 40 minutes for every kg how long will it take to cook a 4kg turkey?

Answer: \_\_\_\_\_

1

8

A 5.5 litre container is emptied into 11 cylinders. How many millilitres are there in each cylinder?

Answer: \_\_\_\_\_ ml

2

9

60% of the students in a school are boys. If there are 1400 students in the school, how many are boys?

Answer: \_\_\_\_\_%

1

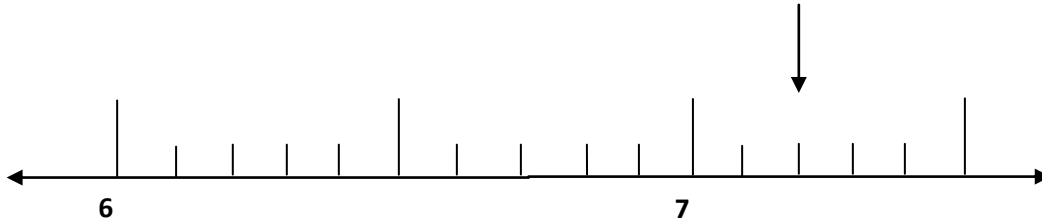
Total marks:

(Max 5)

4

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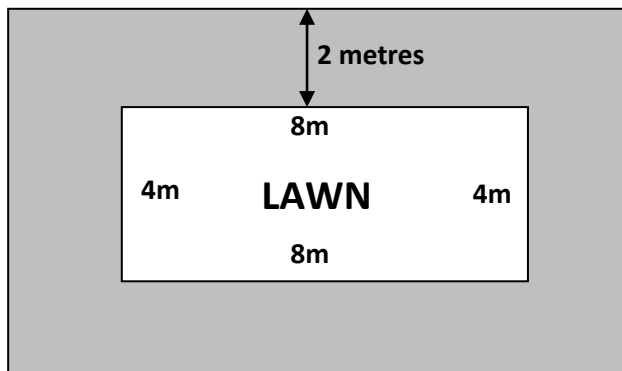
10 What reading is the pointer pointing to?



Answer: \_\_\_\_\_

1

11 Stephanie wants to make a 2 metres wide path round her lawn.



(a). Calculate the area of the path in  $m^2$ .

Answer: \_\_\_\_\_  $m^2$

2

(b). She has bought tiles measuring 1m by 1m. How many tiles will she need to cover the whole path?

Answer: \_\_\_\_\_

1

Total marks:

(Max 4)

Go to the next page now

5

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12

The table shows the numbers of blue and black pens and pencils in a box.

	Blue	Black
Pens	30	30
Pencils	18	22

What percentage of the pens and pencils are black?

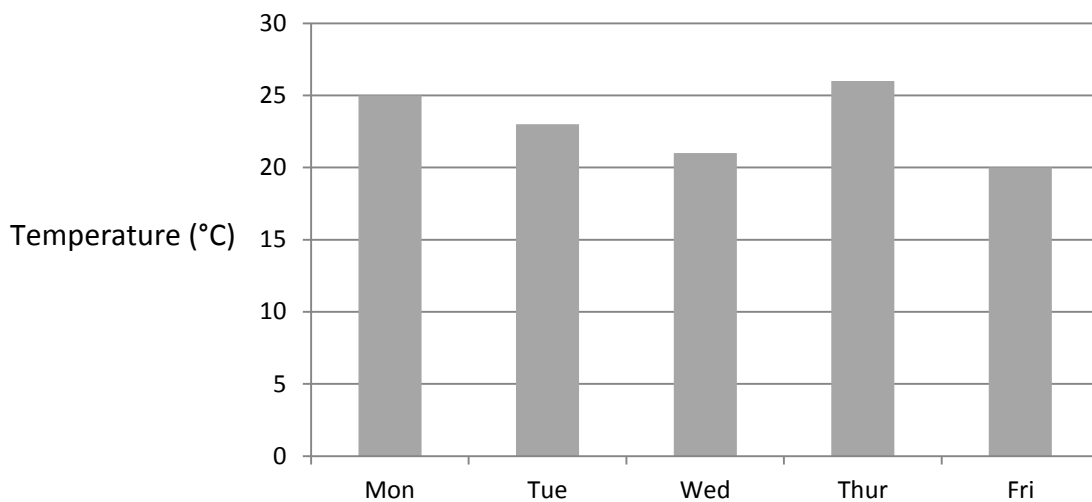
Answer: \_\_\_\_\_

2

13

The bar chart shows the maximum temperature for 5 weekdays November.

What is the average maximum temperature for these 5 days?



2

Total marks:

(Max 4)

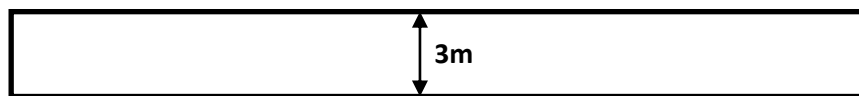
Answer: \_\_\_\_\_

Go to the next page now

6

Please leave blank

- 14 A walking path in the cemetery is 3 metres in width and rectangular in shape. How long is the path if it covers an area of  $48\text{m}^2$ ?



Answer: \_\_\_\_\_ m

1

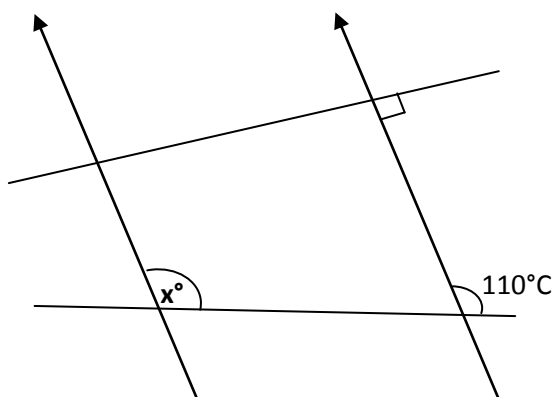
- 15 Look at the pair of numbers below. Which pair has the greatest difference?

- A. (14 and 8)
- B. (17 and 4)
- C. (-3 and 8)
- D. (-25 and -9)
- E. (10 and -4)

Answer: \_\_\_\_\_

1

- 16 Calculate and write the angles next to  $x$ .



Answer:  $x =$  \_\_\_\_\_  $^\circ$

2

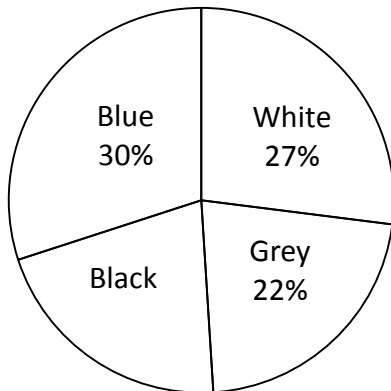
Total marks:

(Max 4)

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17

The pie chart shows the percentage of different coloured suit jackets in a clothes shop. There are 60 blue jackets. How many grey jackets are there?

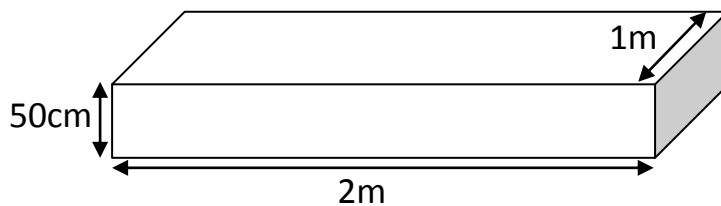


Answer: \_\_\_\_\_

2

18

A block of ice measuring 2 metres in length, 1 metre in width and 50cm in height is cut into cubes of 25cm. How many smaller cubes will there be?



Answer: \_\_\_\_\_

2

19

6    23    42    64    60

Which of these number is:

A. A prime number

Answer: \_\_\_\_\_

B. A multiple of 7

Answer: \_\_\_\_\_

C. A factor of 30

Answer: \_\_\_\_\_

D. A square number

Answer: \_\_\_\_\_

4

Total marks:

(Max 8)

Go to the next page now

8



Please leave blank

20

A patient was involved in a serious accident. As soon as he arrived at the hospital he was rushed into the theatre. The operation started at 17:15pm and ended at 1:47am the following morning. How long was the operation?

Answer: \_\_\_\_\_hrs \_\_\_\_\_mins

1

21

Mr Smith does a lot of walking in the park. She decided to count the number of dogs she saw in a particular week. Her results are summarised below:

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
No of dogs	6	3	1	7	?	3	2

If the mean is 4 and the median is 3, how many dogs did she see on Friday?

Answer: \_\_\_\_\_

2

22

An isosceles triangles has angles A, B and C. Angle X measures  $58^\circ$ . Angle B is larger than angle C. What is the size of angle B?

Answer: \_\_\_\_\_

2

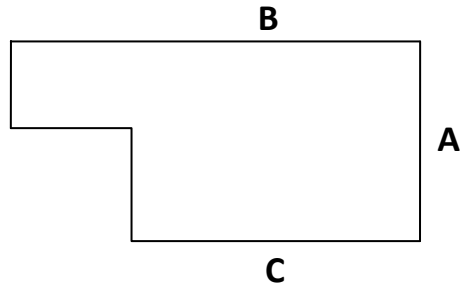
Total marks:

(Max 5)

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23

What is the perimeter of the following shape?



- A.  $2A + B + C$
- B.  $A + 2B + 2C$
- C.  $2(A+B)$
- D.  $2A + 2B - C$
- E.  $2B + C + A$

Answer: \_\_\_\_\_

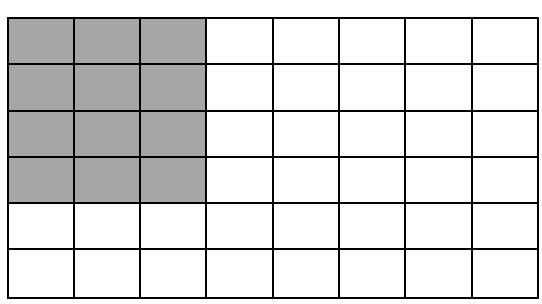
24

If  $7x + 5 = 29 - x$ , find the value of  $x$

Answer: \_\_\_\_\_

25

What percentage of the grid is **not** shaded?



Answer: \_\_\_\_\_ %

2

2

2

Total marks:

(Max 6)

26

In a stationery shop ten quality pens cost £40.40. How much would 8 pens cost?

Answer: £ \_\_\_\_\_

2

27

A survey of 1200 people revealed that 30% of the people like smoking. Calculate how many people don't like smoking out of the 1200 surveyed.

Answer: \_\_\_\_\_

1

28

Work out the value of y if:

$$\frac{1}{45} + \frac{1}{90} = \frac{1}{y}$$

Answer:  $y =$  \_\_\_\_\_

2

Please leave blank

Total marks:

(Max 5)

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**IF YOU HAVE ANY TIME REMAINING, CHECK YOUR ANSWERS AGAIN**



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