Weekly check: Grade 2

Grade 2 | Foundation | 20 questions, 50 marks

GCSE Maths weekly check

Scan for the solutions

Name: _____ **Date:** _____ **Score:** _____ **/ 50**

1 The attendance at a football match was 24617.

a. Round 24617 to the nearest 100.

b. Round 24617 to the nearest 1000.

(2 marks)

Answer _____

2 Find two prime numbers that add together to make 32.

(2 marks)

Answer _____

3 A school has 400 pupils. 25% of them walk to school and 10% cycle.

a. How many pupils walk to school?

b. How many pupils cycle?

c. How many pupils neither walk nor cycle?

(3 marks)

Answer _____

4 Aisha says,

"32 can be written as the sum of two square numbers."

Is Aisha correct?

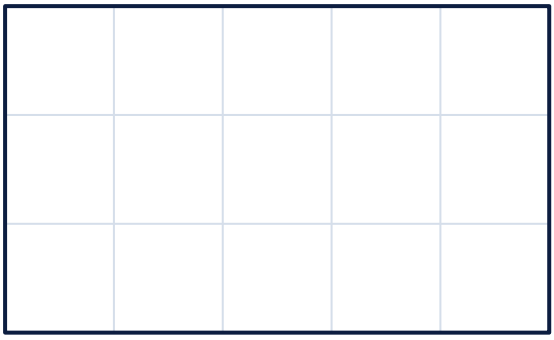
You must show your working.

(3 marks)

Answer _____

5 The rectangle is drawn on a grid of centimetre squares.

Work out the perimeter of the rectangle.



(2 marks)

Answer _____

6 Seven children have these ages.

12, 9, 15, 11, 9, 14, 10

Work out the median age.

(2 marks)

Answer _____

7 Priya works for 9 hours.

She is paid a total of £102.60

Priya is paid the same amount for each hour she works.

Work out how much Priya is paid per hour.

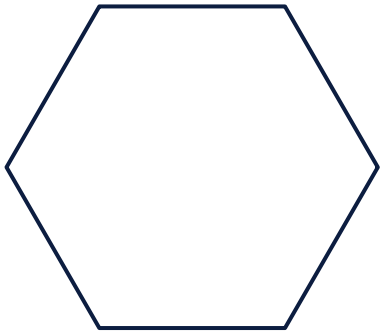
(2 marks)

Answer _____

8 The diagram shows a regular hexagon.

a. Draw all the lines of symmetry on the hexagon.

b. Write down the number of lines of symmetry of a regular hexagon.



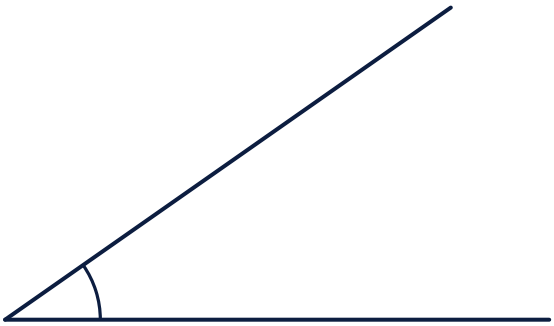
(3 marks)

Answer _____

9 The diagram shows an angle.

a. Use a protractor to measure the angle.

b. Write down the type of angle.



(2 marks)

Answer _____

10 Amir and Beth share a prize of £360.

Amir gets $\frac{2}{5}$ of the prize. Beth gets the rest.

Beth gives $\frac{1}{4}$ of her share to charity.

Work out how much money Beth keeps.

(4 marks)

Answer _____

11 Hana buys a book for £6.95, a pen for £1.80 and a notebook for £2.45. She pays with a £20 note.

How much change does she get?

(3 marks)

Answer _____

12 Jack is 1.62 m tall.

Ben is 158 cm tall.

Who is taller, and by how many centimetres?

(2 marks)

Answer _____

13 The temperature in Cardiff is 3 °C.

The temperature in Oslo is −8 °C.

Work out how many degrees colder Oslo is than Cardiff.

(2 marks)

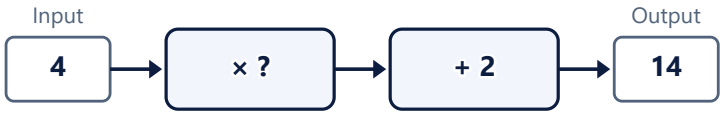
Answer _____

14 Here is a number machine with a missing number.

When the input is 4, the output is 14.

a. Work out the missing number in the machine.

b. Use the completed machine to work out the output when the input is 7.



(3 marks)

Answer _____

15 a. Work out $8 + 12 \div 4$

b. Put a pair of brackets in this statement to make it true.

$8 + 12 \div 4 = 5$

c. Put a pair of brackets in this statement to make it true.

$2 + 3 \times 4 - 1 = 19$

(3 marks)

Answer _____

16 Fill in the missing numbers.

a. $\frac{3}{4} = \frac{?}{12}$

b. $\frac{5}{6} = \frac{20}{?}$

(2 marks)

Answer _____

17 Work out 358×27

(3 marks)

Answer _____

18 $a = 3$ and $b = 5$

a. Work out the value of $2a + b$

b. Work out the value of $3b - a$

(2 marks)

Answer _____

19 Write down the first five multiples of 6.

(2 marks)

Answer _____

20 a. The line x = 5 and the line y = −1 cross at the point P.
Write down the coordinates of P.

b. The line y = x and the line x = 3 cross at the point Q.
Write down the coordinates of Q.

c. Write down the coordinates of the point where the line y = 2 crosses the y-axis.

(3 marks)

Answer _____

End of questions | Total 50 marks