

1

$$4^3 =$$

1 mark

2

$$5^2 - 12 =$$

1 mark

3

$$3^3 + 2^2 =$$

1 mark

4

Here is a list of five numbers.

2

3

4

5

6

Write down the numbers from the list that are **prime** numbers.

1 mark

5

Here is a list of five numbers.

19

21

23

24

27

Write down the numbers from the list that are **prime** numbers.

1 mark

6

Write down all the **prime** numbers between 20 and 30.

1 mark

7

Circle the **prime** number.

81

83

85

Explain how you know the other numbers are not **prime**.

1 mark

8

Here is a list of five numbers.

4 10 15 19 25

Write down the numbers from the list that are **multiples of 5**.

1 mark

9

Here is a list of five numbers.

2 3 4 5 6

Write down the numbers from the list that are **factors of 12**.

1 mark

10

Write down all the **multiples of 6** between 20 and 40.

1 mark

11

Write down all the **factors of 10**.

1 mark

12

A **prime** number and a **square** number have a total of 19

What are the two numbers?

$$\begin{array}{c} \boxed{} \\ \text{prime number} \end{array} + \begin{array}{c} \boxed{} \\ \text{square number} \end{array} = 19$$

1 mark

13

Write three factors of 50 that are not factors of 25

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2 marks

14

Write three factors of 20 that are not factors of 24

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2 marks

15

Harry is thinking of a number.

The number is a factor of 48 between 10 and 20

Which two numbers could Harry be thinking of?

	and	
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1 mark

16

Tick the numbers that are common factors of both **12 and 20**.

- 2
- 3
- 4
- 5
- 6

2 marks

17

Write down two **common multiples** of 6 and 8.

	and	
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1 mark