

1.

Millie and Ryan play a number game.

What's my number?



Is it under 20? Yes

Is it a multiple of 3? Yes

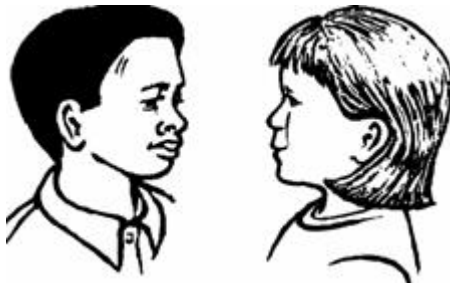
Is it a multiple of 5? Yes

What is the number?

Handwritten mark

1 mark

They play the game again.



Is it under 20? No

Is it under 25? Yes

Is it odd? Yes

Is it a prime number? Yes

What is the number?

Handwritten mark

1 mark

2.

$5^2 =$

1 mark

3.

A number **multiplied by itself** gives the answer **49**.

Circle the number.

 2 3 4 5 6 7 8 9

1 mark

4.

Here are four digit cards.

7	5	2	1
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Choose two cards each time to make the following two-digit numbers.

The first one is done for you.

 an even number

5	2
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a multiple of 9

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a square number

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a factor of 96

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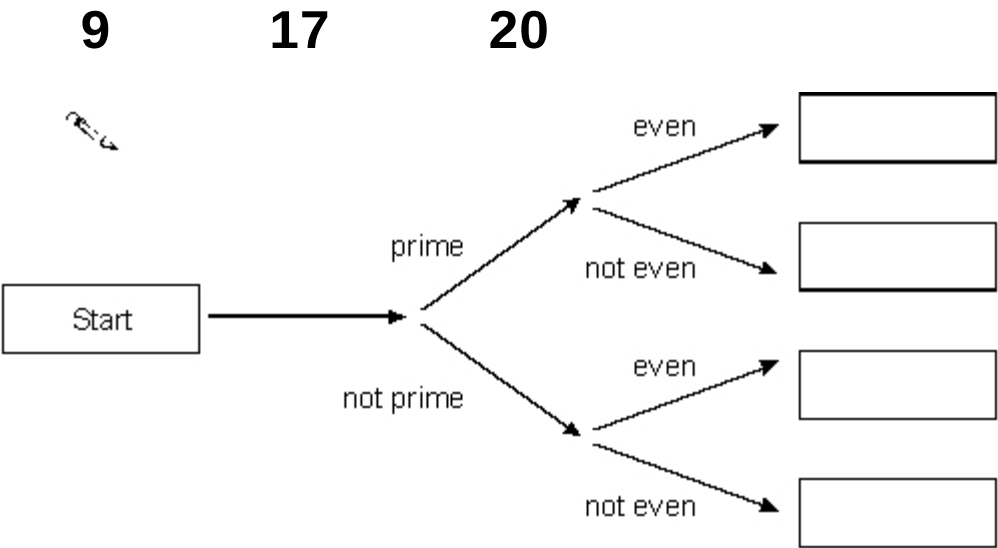
2 marks

5.

Here is a diagram for sorting numbers.

Write these three numbers in the correct boxes.

You may not need to use all of the boxes.



2 marks

6.

$3^3 =$

1 mark

7.

Here is a sorting diagram for numbers.

Write a number **less than 100** in each space.

The diagram shows a table with two columns: 'even' and 'not even'. The rows are 'a square number' and 'not a square number'. The table is intended for sorting numbers less than 100 based on whether they are square numbers and whether they are even.

	even	not even
a square number		
not a square number		

2 marks

8.

$11^2 =$

1 mark

9.

$4^3 =$

1 mark

10.

Circle the **two** prime numbers.



29

39

49

59

69

1 mark