

1

How many days are there in September, October and November altogether?

days

1 mark

2

In this grid, there are four multiplications.

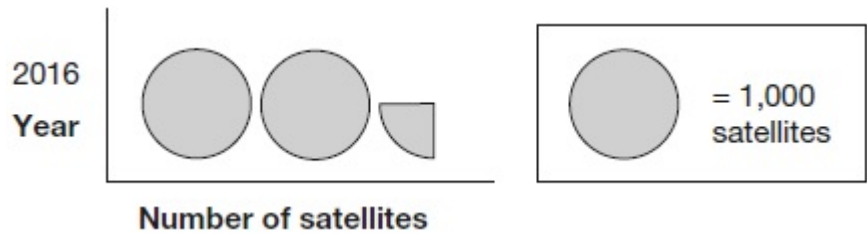
Write the **three** missing numbers.

4	×	8	=	
×		×		
3	×		=	21
=		=		
		56		

1 mark

3

This pictogram shows the number of satellites above the Earth in 2016.

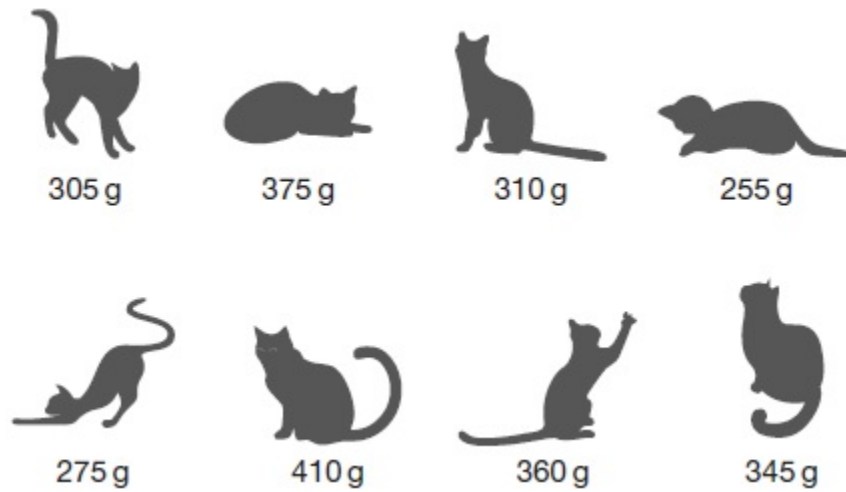


How many satellites were above the Earth in 2016?

1 mark

4

This picture shows the masses of eight kittens.



What is the **difference** in mass between the heaviest kitten and the lightest kitten?

1 mark

The masses of the kittens are to be put in four groups.

Write the missing numbers in the table.

One has been done for you.

Mass in g	Number of kittens
250-299	
300-349	
350-399	
400-449	1

1 mark

5

John buys one toy car and one pack of stickers.



£1.49



£1.64

He pays with a £10 note.

How much change does John get?

Show your method

£
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2 marks

6

Jack chose a number.

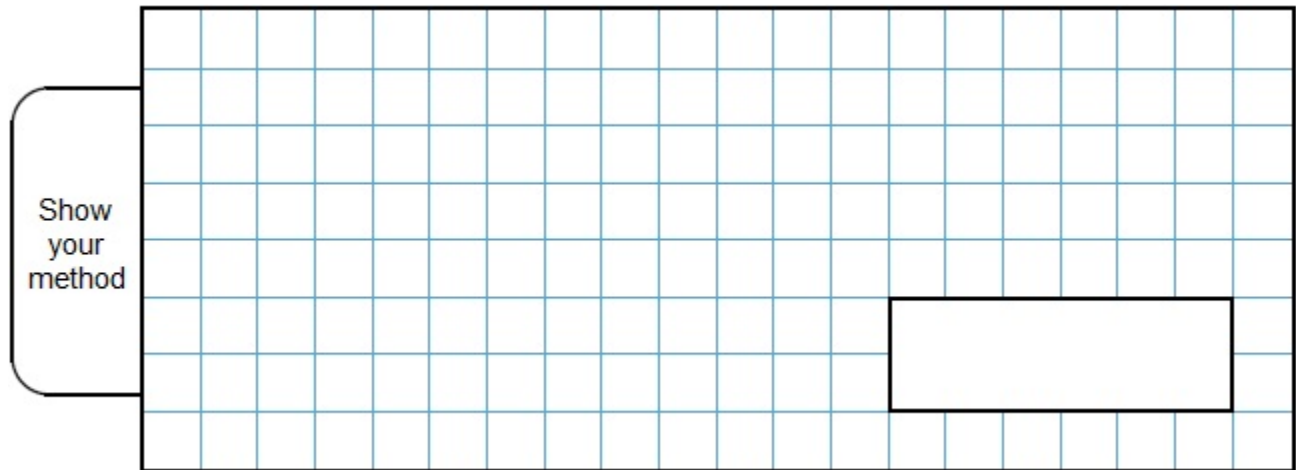
He multiplied the number by 7

Then he added 85

His answer was 953

What number did Jack choose?

Show your method



2 marks

7

The **original** price of this car is £8,999

Sale  
£1,100 off



What is the **sale** price of the car?

£

1 mark

8

In this sequence, the rule to get the next number is

Multiply by 2, and then add 3

Write the missing numbers.

	25	53	
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2 marks

9

What number is 1,000 **less** than 9,072?

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1 mark

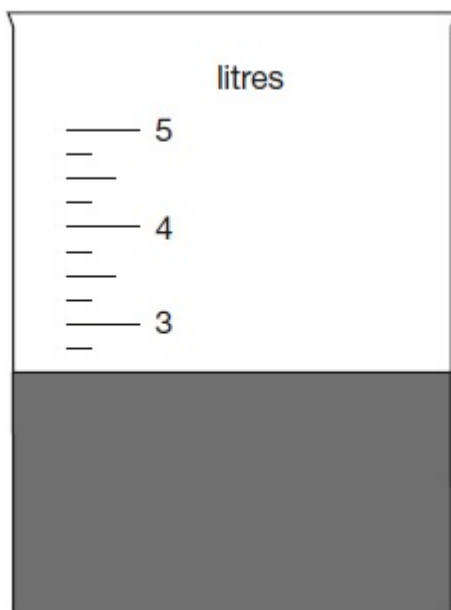
10

Order the numbers starting with the **largest**.  
Match each number with its order.

1,009,909	1 <sup>st</sup>	largest
1,023,065	2 <sup>nd</sup>	
1,009,099	3 <sup>rd</sup>	
1,230,650	4 <sup>th</sup>	smallest

1 mark

11 Jack pours some dark paint into a container.



In litres, how much paint is in the container?

1 mark

12 The numbers in this sequence **increase** by 45 each time.

Write the missing numbers.

 155 200 245  

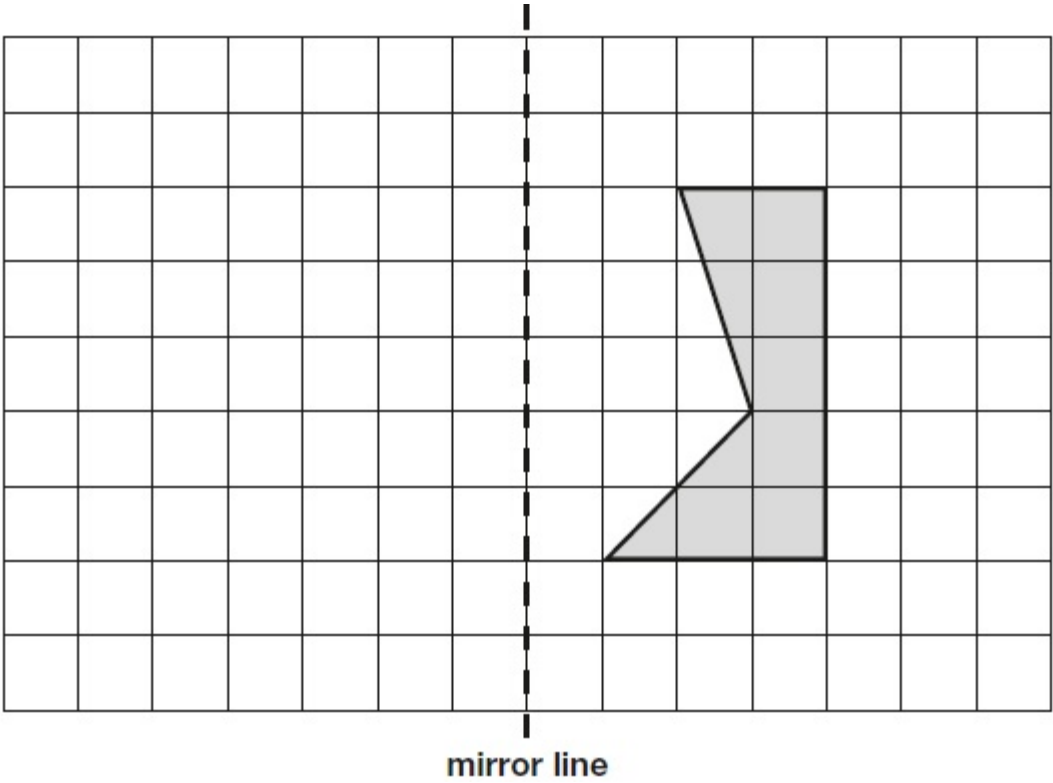
2 marks

13

Here is a shaded shape on a square grid.

Reflect the shape in the mirror line.

Use a ruler.



1 mark