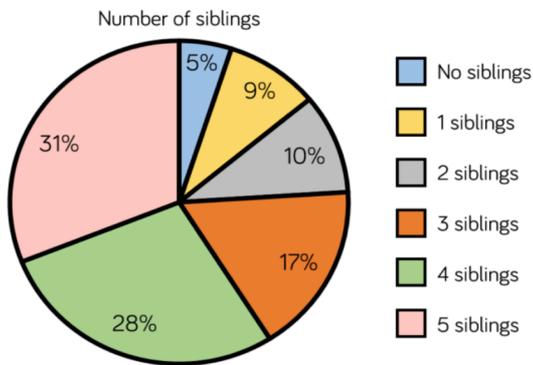


Thursday Extra Challenge with Answers.

1.

15 people in this survey have no siblings. Use this information to work out how many people took part in the survey altogether.

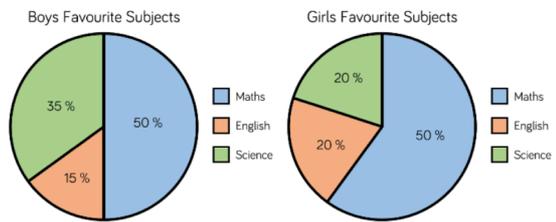


Now work out how many people each segment of the pie chart is worth.

Can you represent the information in a table?

2.

120 boys and 100 girls were asked which was their favourite subject. Here are the results:



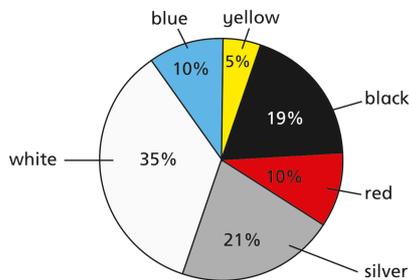
Jack says:



More girls prefer Maths than boys because 60% is bigger than 50%.

Do you agree? Explain why.

3 The pie chart shows the colours of cars in a car park on one day. There were 30 yellow cars.



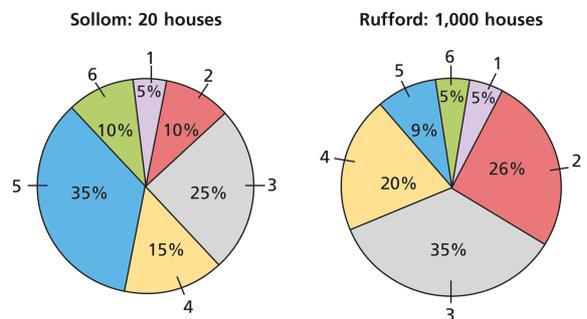
a) How many cars were in the car park in total?

b) Complete the table.

Colour of car	Frequency
yellow	30
black	
red	
silver	
white	
blue	

How can you check your answers?

4 The pie charts show the number of bedrooms in the houses in Sollom and Rufford.



a)



There are twice as many six-bedroom houses in Sollom than in Rufford because 10% is double 5%.

Do you agree with Alex? \_\_\_\_\_

Explain why.

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b) How many more one-bedroom houses are there in Rufford compared to Sollom?