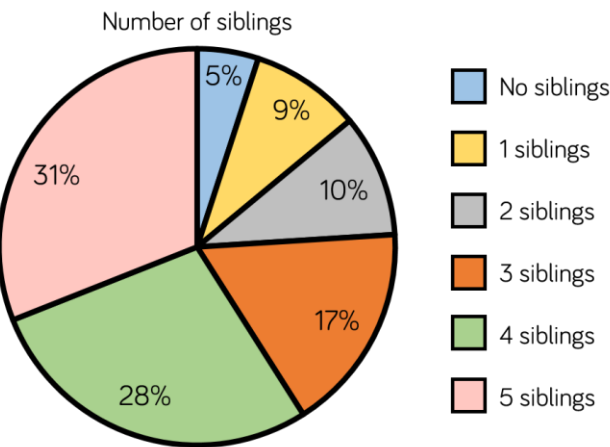


Pie Charts With Percentages

Reasoning and Problem Solving

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

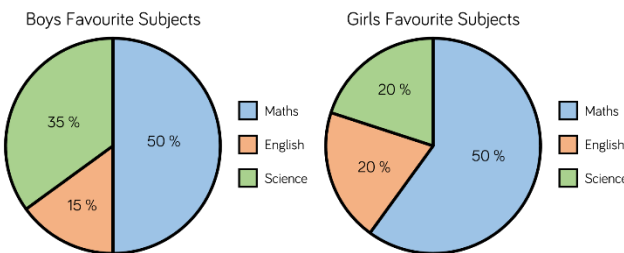


Now work out how many people each segment of the pie chart is worth.

Can you represent the information in a table?

No siblings	15
1 sibling	27
2 siblings	30
3 siblings	51
4 siblings	84
5 siblings	93
Total	300

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.

Jack is incorrect because the same amount of girls and boys like maths.

Boys:
 $50\% \text{ of } 120 = 60$

Girls:
 $60\% \text{ of } 100 = 60$