

24.06.20

WALT interpret pie charts with percentages

Notes and Guidance

Children will apply their understanding of calculating percentages of amounts to interpret pie charts.

Children know that the whole of the pie chart totals 100 %.

Encourage children to recognise fractions in order to read the pie chart more efficiently.

Mathematical Talk

How did you calculate the percentage? What fraction knowledge did you use?

How else could you find the difference between Chocolate and Mint Chocolate?

If you know 5 % of a number, how can you work out the whole number?

If you know what 5 % is, what else do you know?

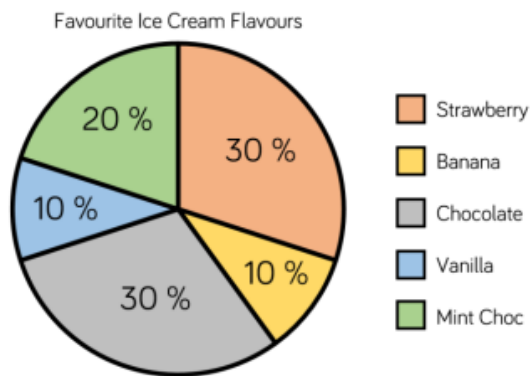
Varied Fluency

150 children voted for their favourite ice cream flavours. Here are their results:

How many people voted for Vanilla?

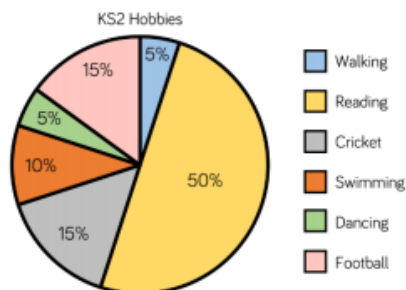
How many more people voted for Chocolate than Mint Chocolate Chip?

How many people chose Chocolate, Banana and Vanilla altogether?

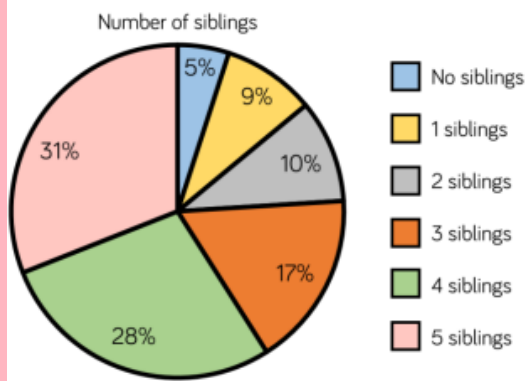


There are 200 pupils in Key Stage 2 who chose their favourite hobbies.

How many pupils chose each hobby?



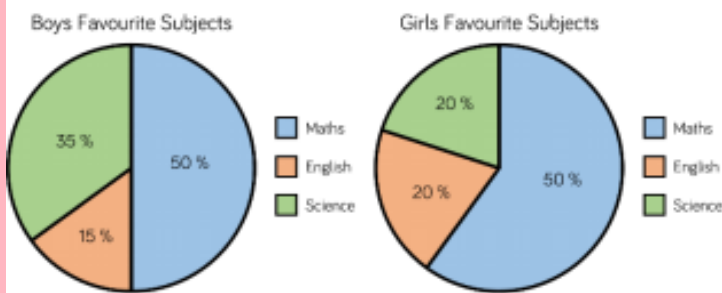
15 people in this survey have no siblings. Use this information to work out how many people took part in the survey altogether.



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

Can you represent the information in a table?

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.