Bar charts — drawing and reading

MODULE 7 · DATA, CHANCE AND THE CO-ORDINATE PLANE SHAPE & SPACE

HOW TO ANSWER TODAY

- **Read a bar chart.** Read the top of each bar. Check the y-axis scale to see what each grid line is worth.

  Each grid line = 5, bar reaches the 4th line → value is 20

STRETCH PROBLEMS

1. The whole school ran a favourite-fruit survey for healthy-eating week and put the results on a bar chart in the hall. Apple got **13** votes, Pear got **37**, Orange got **24**, Banana got **11** and Plum got **21**. How many pupils took part in the survey altogether?

   > A bar chart shows fruit preferences in a class. Apple: 13, Pear: 37, Orange: 24, Banana: 11, Plum: 21. How many pupils took part in total?

2. Saoirse's class made a bar chart of their favourite fruits for a healthy-eating survey. Apple got **23** votes, Pear got **32** votes, Orange got **11** votes and Banana got **34** votes. By how many votes does the Orange bar differ from the Pear bar?

   > A bar chart shows fruit preferences in a class. Apple: 23, Pear: 32, Orange: 11, Banana: 34. By how much does the Orange bar differ from the Pear bar?

3. 5th class did a survey of favourite fruits and made a bar chart. The results were Apple: **9**, Pear: **26**, Orange: **24** and Banana: **16**. By how many votes does the Pear bar differ from the Orange bar?

   > A bar chart shows fruit preferences in a class. Apple: 9, Pear: 26, Orange: 24, Banana: 16. By how much does the Pear bar differ from the Orange bar?