

Bar charts: drawing and reading

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

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 5th class ran a fruit survey across the whole school for Healthy Eating Week. Their bar chart shows Apple: **20**, Pear: **30**, Orange: **37**, Banana: **11**, Plum: **40**. How many pupils took part in the survey in total?
- 2 5th class made a bar chart of points scored by each team at the Cumann na mBunscol hurling blitz. The Shamrocks scored **17**, the Harps scored **30**, the Gaels scored **18**, the Rovers scored **19** and the Celts scored **32**. How many points were scored in total across the blitz?
- 3 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?
- 4 Mr Ó Briain made a bar chart of favourite fruits in 5th class. The bars show Apple: **29**, Pear: **10**, Orange: **27** and Banana: **17**. By how much does the Orange bar differ from the Pear bar?
- 5 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?