

Reading and interpreting bar charts

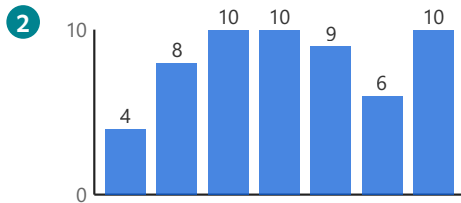
MODULE 9 · DATA AND CHANCE DATA & CHANCE

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
- **Mode (most common).** The mode is the number that appears MOST OFTEN.
2, 2, 3, 5, 2, 7 → 2 appears three times → mode is 2

STRETCH PROBLEMS

- 1 4th class made a bar chart of favourite fruits in the class. Apple got 23 votes, Pear got 32, Orange got 11 and Banana got 34. By how much 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?



Ms. Kelly's 3rd class records how many books each pupil read during Seachtain na Leabhar. The totals are 4, 8, 10, 10, 9, 6 and 10 books. What is the mode of the number of books read?