

Reading and interpreting bar charts

MODULE 9 · DATA AND CHANCE

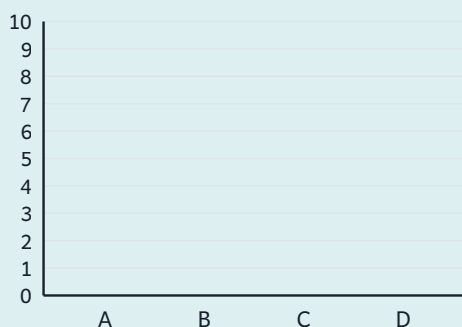
DATA & CHANCE

HOW TO ANSWER TODAY

- **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
- **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

TRY IT ON THE LINE

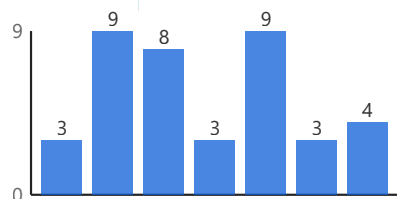
Draw the bars for the class data, then read the chart.



1. Draw a bar for each category to the right height.
2. Label the scale clearly (in 1s or 2s).
3. Answer: which is most? which is least? how many more?

PRACTICE

1



Méabh asks 7 pupils in 4th class how many minutes it takes them to walk to school. Their answers are 3, 9, 8, 3, 9, 3 and 4 minutes. What is the mode of the walking times?

2

Ms Murphy's 4th class made a bar chart of fruit chosen at lunchtime over one week. Apple got 29 votes, Pear got 10, Orange got 27 and Banana got 17. By how much does the Orange bar differ from the Pear bar?

A bar chart shows fruit preferences in a class. Apple: 29, Pear: 10, Orange: 27, Banana: 17. By how much does the Orange bar differ from the Pear bar?