

The mode – the most common value

MODULE 9 · DATA AND CHANCE

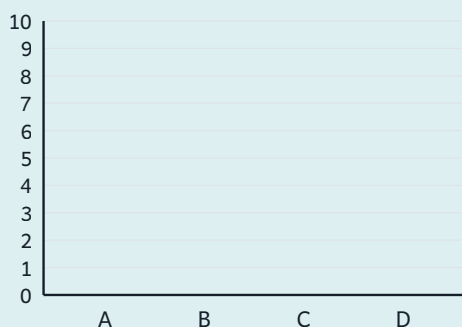
DATA & CHANCE

HOW TO ANSWER TODAY

- **Range (spread).** Range = BIGGEST minus SMALLEST.
5, 12, 8, 3, 15 → $15 - 3 = 12$
- **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
- **Mean (average).** Add ALL the numbers. Divide by HOW MANY there are.
Mean of 2, 5, 6, 9 → $(2+5+6+9) \div 4 = 22 \div 4 = 5.5$

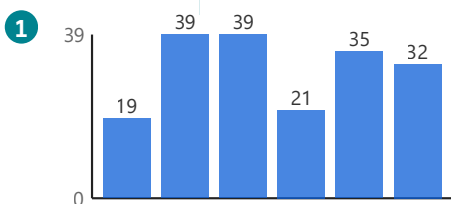
TRY IT ON THE LINE

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

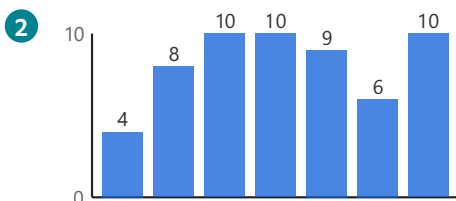


1. Draw a bar for each category to the right height.
2. Label the scale clearly (in 1s or 2s).
3. Answer: which is most? which is least? how many more?

PRACTICE



Oisín writes his weekly spelling-test scores in his copybook across one term. His scores out of 40 are 19, 39, 39, 21, 35 and 32. What is the range of his scores?



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?