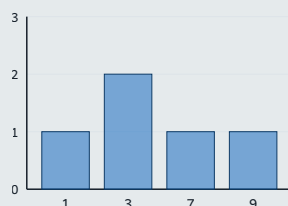


Mode, range and choosing a measure

MODULE 9 · DATA AND CHANCE REVIEW

The **mode** is the most common value; the **range** is the largest value minus the smallest, showing how **spread out** the data is. Pick the measure that best answers the question.



→ 1, 3, 3, 7, 9 → mode 3; range $9 - 1 = 8$.

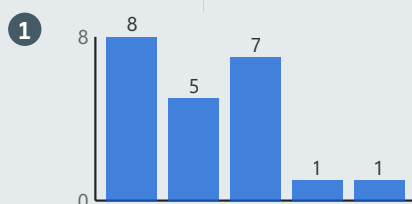
FIND THE MODE AND RANGE OF 4, 7, 4, 9, 6

- ① **Mode** = most common value = 4.
- ② **Range** = largest – smallest = $9 - 4 = 5$.

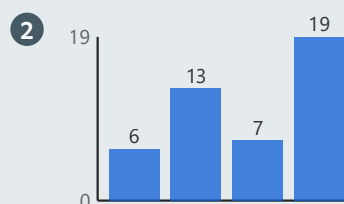
HOW TO ANSWER TODAY

- **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
- **Range (spread).** Range = BIGGEST minus SMALLEST.
5, 12, 8, 3, 15 → $15 - 3 = 12$

WARM-UP



Cian's group test how fast water trickles through soil in five different jars during a science investigation. They record the times in seconds as 8, 5, 7, 1 and 1. What is the mode of the times?



5th class record their team's points in four matches at the Cumann na mBunscol hurling blitz: 6, 13, 7 and 19 points. What is the range of the scores?