

The mode and the range (most common, and the spread)

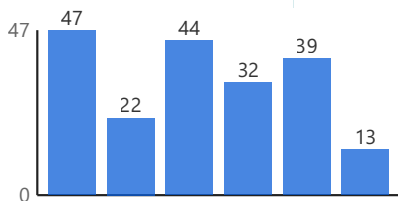
MODULE 9 · DATA AND CHANCE DATA & CHANCE

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

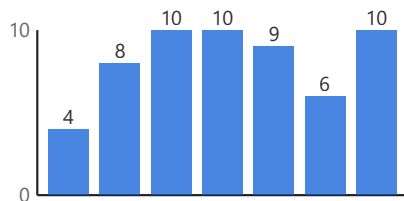
STRETCH PROBLEMS

1



Cian's class run a science investigation timing how long water takes to trickle through soil samples. The times in seconds are 47, 22, 44, 32, 39 and 13. What is the range of the times?

2



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?