

The mode – the most common value

MODULE 9 · DATA AND CHANCE DATA & CHANCE

HOW TO ANSWER TODAY

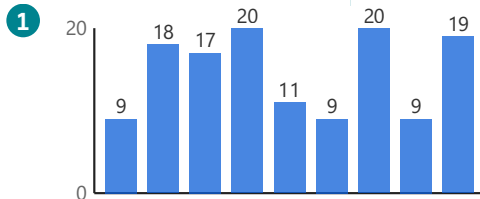
- **Mode (most common).** The mode is the number that appears MOST OFTEN.

2, 2, 3, 5, 2, 7 → 2 appears three times → mode is 2

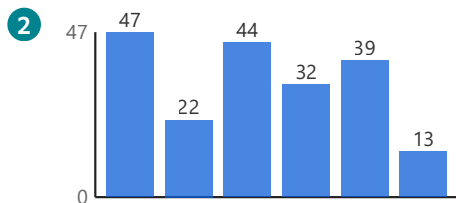
- **Range (spread).** Range = BIGGEST minus SMALLEST.

5, 12, 8, 3, 15 → 15 – 3 = 12

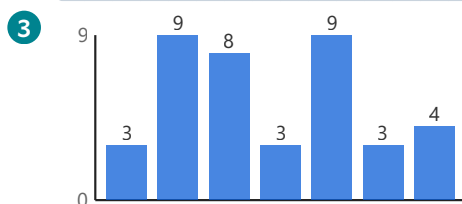
STRETCH PROBLEMS



Cian's 4th class run a science investigation timing how many seconds it takes water to trickle through a pot of soil. Their nine timings in seconds are 9, 18, 17, 20, 11, 9, 20, 9 and 19. What is the mode of the timings?



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?



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?