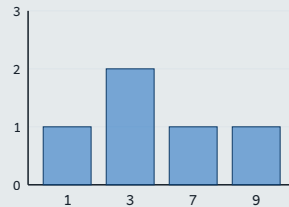


Mode, range and choosing a measure

WHAT THIS LESSON TEACHES

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 $9 - 1 = 8$.

MODEL THIS ON THE BOARD

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

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

DISCUSSION STARTER

REFLECT When you describe a data set, why can the range matter just as much as the average?

ANSWER KEY

W1: 1

Q2: 12

W2: 13

Q3: 136

Q1: 20

Q4: 9

EXTENSION SHEET · STRETCH ANSWERS

S1: 143

S4: 157

S2: 23

S5: 30

S3: 9