

# Problem Solve with Data



## Check-In: Questions 1–4

**Solve each problem.**

- Shannon pitches for her softball team. She has played 10 games. Here is the number of players she struck out in each game: 1, 3, 5, 3, 3, 0, 2, 4, 2, and 2.
  - Find the median number of strikeouts.
  - Find the mode.
  - Use the data to predict the number of players that she will strike out in the next game. Explain how you made your prediction.
  
- Lin, Jacob, Grace, and Luis are in four different fifth-grade classrooms. Each class gives spelling quizzes with 10 words. Their spelling scores are listed below:

Lin: 10, 4, 9, 10, 7  
Jacob: 8, 9, 8, 6, 5, 6  
Grace: 7, 8, 8, 9, 8, 10  
Luis: 8, 8, 8, 8, 8

  - Find the median spelling score for each student.
  - Find the mode for each student.
  - Use the data to decide who is the best speller. Explain how you decided.