Draw Conclusions and Make Predictions

Use the data to solve Problems 1–5.

Dave took 12 typing tests to see how many words he could type per minute. He scored 42, 44, 41, 39, 55, 40, 46, 40, 46, 48, 41, and 46.

1. Find Dave’s mean, median, and mode scores.

2. What do you think Dave will score on his next typing test? Why?

3. If Dave wants to convince his classmates that he is an excellent typist, should he use the mean, median, or mode? Explain.

4. Anjalie’s mean score on 4 typing tests is 80. What does she need to score on each of the next 4 tests to raise her mean score to 90?

5. Suppose Dave scores 50 and 52 on his next two tests. Find the new mean, median, and mode. Then predict what Dave’s next typing test score will be. Explain your prediction.