

Lesson 2-9 • Catch-up

Reinforce Understanding

2.1 • 2.3 • 2.9 Catch-Up

I can show I am caught up on Lessons 2.1 • 2.3 • 2.9 by using each lesson's big idea in mixed practice.

Worked model

Five snack prices in cents are 80, 90, 100, 110, 120. Find the mean absolute deviation.

1. Find the mean: the five prices total 500, and sharing that evenly gives 100.
2. Measure each price's distance from 100: 20, 10, 0, 10, 20.
3. Add the distances. They come to 60.
4. Share that total distance among the five prices.

Answer: The MAD is 12 cents — a typical price sits about 12 cents away from the mean.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. (Lesson 2.1) Which of the following is a statistical question?

Circle the letter of the best answer. Show how you know.

- A. How many points did each player score this season?
- B. How many points are scored for a free throw?
- C. What sport does this team play?
- D. How many halves are in a soccer game?

Show your work

2. (Lesson 2.1) Which question is NOT a statistical question?

Circle the letter of the best answer. Show how you know.

- A. How many home runs did each player hit this year?
- B. How many miles does each runner train per week?
- C. How many innings are in a baseball game?
- D. How tall is each player on the basketball team?

Show your work

3. (Lesson 2.3) Find the mean of: 10, 14, 8, 12, 16

Circle the letter of the best answer. Show how you know.

- A. 10
- B. 12
- C. 14
- D. 60