

Lesson 7-3 • Catch-up

Reinforce Understanding

7.1–7.3 Catch-Up

I can show I am caught up on Lessons 7.1–7.3 by using each lesson's big idea in mixed practice.

Worked model

One freezer logged -23 degrees and another logged 17 degrees. Which reading sits closer to 0 ?

1. Absolute value measures distance from 0 , so the sign does not matter here.
2. Distance from 0 for the first reading: $-23 = 23$
3. Distance from 0 for the second reading: $17 = 17$
4. Compare the two distances; the shorter distance sits closer to 0 .

Answer: $|-23$

Practice

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

1. (Lesson 7.1) Badwater Basin is 86 meters below sea level, and sea level is 0. Which integer represents that elevation?

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

- A. -86
- B. -68
- C. 0
- D. 86

Show your work

2. (Lesson 7.1) In Reykjavik the temperature was -9°C . What is the opposite of -9 ?

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

- A. -18
- B. -9
- C. 0
- D. 9

Show your work

3. (Lesson 7.2) Which point is located between -1 and -2 on the number line?

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

- A. -2.5
- B. -1.5
- C. -0.5
- D. 1.5

Show your work
