

# Below Zero

Steven was anticipating the upcoming spelling bee. To manage his time, he created a timeline, with the day of the spelling bee as 0. This means that the days before the bee are negative, and the days after the bee are positive. In Exercises 1–5, use a positive or negative number to represent each day specified.

1. Steven begins to study 30 days before the spelling bee. \_\_\_\_\_
2. There are three weeks left before the day of the spelling bee. \_\_\_\_\_
3. One week after the spelling bee, all the participants will celebrate. \_\_\_\_\_
4. Five days before the spelling bee, Steven studies for 6 hours a day. \_\_\_\_\_
5. The day after the spelling bee, everyone breathes a sigh of relief. \_\_\_\_\_

Elevations are given as above or below sea level. The elevation at sea level is 0. Use the table at the right for Exercises 6–9.

Place	Elevation
Lake Michigan	577 feet above sea level
Death Valley	282 feet below sea level
New Orleans, LA	5 feet below sea level
Harney Peak	7,242 feet above sea level
Mount St. Helens	8,364 feet above sea level

6. Which elevation is the highest?

\_\_\_\_\_

7. Which elevation is the lowest?

\_\_\_\_\_

8. Write each elevation as a positive or negative number, then order from lowest to highest.

\_\_\_\_\_

9. To go from sea level up to the level of Harney Peak, how many feet would you go up?

\_\_\_\_\_