**Lesson 1 Homework Practice**

***Integers and Graphing***

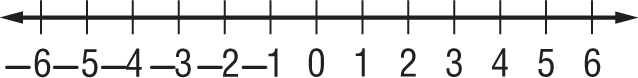
**Write an integer for each situation. Explain the meaning of zero in each situation.**

**1.** a drop of 200 feet **2.** an expansion of 3 cubic meters

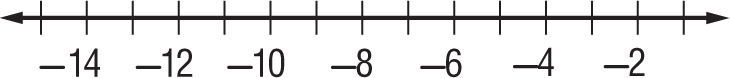
**3.** earn 10 points **4.** reduce by 8 inches

**5.** gain 2 pounds **6.** a drop of 7 degrees

**Graph each set of integers on a number line.**

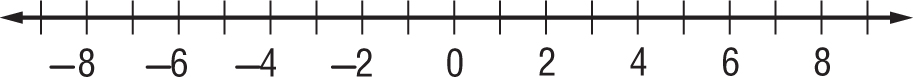


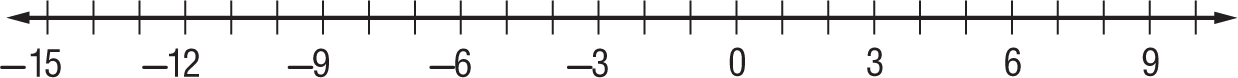
**7.** {–4, –3, 1, 5}



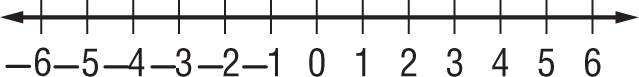
**8.** {–15, –12, –9, –2}

**9.** {8, 3, –7, –5}





**10.** {–14, –7, 10, –1}

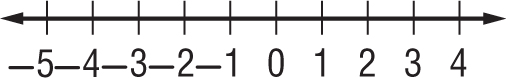


**11.** {–6, –1, 0, 3}

**12. BUSINESS** Ms. Solorio’s small business had a profit of $460 on Monday. Write an integer to represent this profit.

**13. CAVING** The end of a cave is 380 meters below the surface of the earth. Write an integer to represent this depth.

**14. TEMPERATURES** The low temperatures for three consecutive days were –5°F, 3°F, and 4°F. Graph this set of integers on a number line.



**15. ELEVATIONS** The lowest elevation in New Orleans, Louisiana, is –8 feet. The lowest elevation in Long Beach, California, is –7 feet. Graph this set of integers on a number line.

