

**LESSON**  
**1**

# Integers and the Coordinate Plane

## Challenge: Boiling Up and Freezing Down

Draw a line on the thermometer to show each given temperature record. Then label each state's name at its correct line on the thermometer.

1. The lowest temperature in California was recorded on January 20, 1937. It was  $-45^{\circ}\text{F}$ .
2. The highest temperature in North Carolina was recorded on August 21, 1983. It was  $110^{\circ}\text{F}$ .
3. The lowest temperature in Georgia was recorded on January 27, 1940. It was  $-17^{\circ}\text{F}$ .
4. The highest temperature in Maine was recorded on July 10, 1911. It was  $105^{\circ}\text{F}$ .
5. The lowest temperature in Missouri was recorded on February 13, 1905. It was  $-40^{\circ}\text{F}$ .
6. The lowest temperature in Texas was recorded on February 8, 1933. It was  $-23^{\circ}\text{F}$ .
7. The highest temperature in Maryland was recorded on July 10, 1936. It was  $109^{\circ}\text{F}$ .
8. The lowest temperature in Massachusetts was recorded on January 12, 1981. It was  $-35^{\circ}\text{F}$ .
9. The highest temperature in Oklahoma was recorded on June 27, 1994. It was  $120^{\circ}\text{F}$ .
10. The highest temperature in Mississippi was recorded on July 29, 1930. It was  $115^{\circ}\text{F}$ .

