Temperature and Negative Numbers

To read temperatures on a thermometer, follow these steps.

Step 1: Picture the thermometer as a vertical number line.

Step 2: Find where the shaded part of the thermometer reaches.
The temperature on the thermometer is 55°.

To find the difference between two temperatures, follow these steps.

Find the difference between −5° and 30°.

Step 1: Find the two temperatures.

Step 2: Find the distance from each temperature to 0°.
The distance from 0° to 30° is 30.
The distance from 0° to −5° is 5.

Step 3: Add the distances. 30 + 5 = 35
The difference between −5° and 30° is 35°.

Write each temperature.

1. 2. 3. 4.

Find the difference between the temperatures.

5. 37°F and 55°F
6. 14°C and 30°C
7. −5°F and 22°F

Choose the better estimate of the temperature.

8. going swimming
9. ice skating
10. Temperature of a refrigerator

40°F 80°F 0°C 35°C 40°F 140°F

Use with text pages 344–347.