Hands On: Positive and Negative Numbers

Solve.

1. The lowest temperature ever recorded in Alaska was 80°F below zero. Write that temperature as an integer in °F. (Hint: Below zero indicates a negative number)

3. In football, teams can gain or lose yards. In one play, a quarterback lost 8 yards. Write that loss as an integer, then write its opposite.

5. The coldest temperature ever recorded on earth was −129°F. The highest temperature ever recorded was 136°F. What is the difference of the two temperatures?

2. The lowest temperature ever recorded in Hawaii was 12°F above zero. Write the opposite of that temperature as an integer in °F.

4. Professional golfers try to score under par, which is the average number of strokes needed for each hole. Draw a number line with par marked at the zero point. Record these three scores as positive or negative integers on the number line: 4 under par, 3 over par, 1 under par.

6. The highest temperature ever recorded in the United States was 134°F in California. The lowest temperature ever recorded was −80°F in Alaska. Explain how to find the difference of the two temperatures. Write the difference.

Use with text pages 542–543.