### Finding Temperature Changes

#### Solve each problem.

1. Sarah poured a glass of tea that was 96°F. After she added some ice cubes the temperature dropped 20°. What temperature was the tea after she added the ice?

2. On Sunday it was 53°F. On Monday it was 18° warmer. What temperature was it on Monday?

3. The temperature inside a freezer was 10°F. After the door was left open for an hour the temperature had risen 21°. What temperature was it after the door was left open?

4. In July, the average temperature in Miami, FL was 108°F, while the average temperature in Orlando, FL was 97°F. How much less was the temperature in Orlando?

5. Sarah measured the temperature of her soda and found that it was 73°F. After putting it in her freezer for an hour it was 62°F. How much did the freezer cool her soda down?

6. A city in Alaska had a temperature of 87°F during the day, but at night the temperature dropped 30°. What temperature was it at night?

7. The average temperature for January was 52°F. The average temperature for February was 17° warmer. What was the average temperature for February?

8. Sarah heated up a slice of pizza in the microwave. Before she put it in, the pizza was 53°F. If the microwave heated it up 30°, what temperature was it when she took it out?

9. The temperature inside a store was 99°F. If the temperature outside the store was 29° colder, what temperature was it outside?

10. A weather station predicted the temperature on Saturday would be 68°F. If the actual temperature was 81°F, how much warmer was it then they predicted?

#### Answers

1. __________
2. __________
3. __________
4. __________
5. __________
6. __________
7. __________
8. __________
9. __________
10. __________
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