Solve each problem.

- 1) The temperature inside a store was 63°F. If the temperature outside the store was 19° warmer, what temperature was it outside?

Answers

- 2) Tiffany made herself a cup of hot chocolate that was 72°F. After she put it in the microwave the temperature rose 28°. What temperature was the hot chocolate after she heated it?
- 3) When Paige went to the park at 2:30 it was 64°F. By the time she left it had gotten 19° warmer. What temperature was it when she left the park?
- 4) The temperature inside a store was 72°F, while the temperature outside the store was 94° F. How much colder was it inside the store?
- 5) Isabel set the thermostat in her house to 90°F, which was 18° warmer than the temperature outside. What temperature was it outside?

- 6) The average temperature for January was 45°F. The average temperature for February was 60°F. How much warmer was February than January?

- 7) A weather station predicted the temperature on Saturday would be 101°F. If the actual temperature was 18° colder than their prediction, what temperature was it?

- 8) A weather station predicted the temperature on Saturday would be 81°F. If the actual temperature was 99°F, how much warmer was it then they predicted?
- 9) The temperature inside a freezer was 10°F. After the door was left open for an hour the temperature had risen 25°. What temperature was it after the door was left open?
- 10) When Frank went to the beach in the afternoon it was 90°F. When he came back later that night it was 10° colder. What temperature was it at night?



Solve each problem.

- 1) The temperature inside a store was 63°F. If the temperature outside the store was 19° warmer, what temperature was it outside?
- . **82**°

<u>Answers</u>

 100°

- 2) Tiffany made herself a cup of hot chocolate that was 72°F. After she put it in the microwave the temperature rose 28°. What temperature was the hot chocolate after she heated it?
- 0.00
- 3) When Paige went to the park at 2:30 it was 64°F. By the time she left it had gotten 19°
- . 22°
- warmer. What temperature was it when she left the park?
- 5. **72**°
- 4) The temperature inside a store was 72°F, while the temperature outside the store was 94° F. How much colder was it inside the store?
- 6. ______
- 5) Isabel set the thermostat in her house to 90°F, which was 18° warmer than the temperature outside. What temperature was it outside?
- 7. _____
- outside. What temperature was it outside?
- 350
- 6) The average temperature for January was 45°F. The average temperature for February was 60°F. How much warmer was February than January?
- 10 **80**°

- 7) A weather station predicted the temperature on Saturday would be 101°F. If the actual temperature was 18° colder than their prediction, what temperature was it?
- 8) A weather station predicted the temperature on Saturday would be 81°F. If the actual temperature was 99°F, how much warmer was it then they predicted?
- 9) The temperature inside a freezer was 10°F. After the door was left open for an hour the temperature had risen 25°. What temperature was it after the door was left open?
- **10)** When Frank went to the beach in the afternoon it was 90°F. When he came back later that night it was 10° colder. What temperature was it at night?



Finding Temperature Changes

Name:

Solve each problem.

83°	15°	100°	35°	18°
82°	80°	72°	83°	18° 22°

Answers

- 1) The temperature inside a store was 63°F. If the temperature outside the store was 19° warmer, what temperature was it outside?
- 2) Tiffany made herself a cup of hot chocolate that was 72°F. After she put it in the microwave the temperature rose 28°. What temperature was the hot chocolate after she heated it?
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- 5) Isabel set the thermostat in her house to 90°F, which was 18° warmer than the temperature outside. What temperature was it outside?
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- 9) The temperature inside a freezer was 10°F. After the door was left open for an hour the temperature had risen 25°. What temperature was it after the door was left open?
- 10) When Frank went to the beach in the afternoon it was 90°F. When he came back later that night it was 10° colder. What temperature was it at night?