

**Solve each problem.****Answers**

- 1) The temperature at 7:00 AM was  $52^{\circ}\text{F}$ . By 11:00 AM it had warmed up  $12^{\circ}$ . What was the temperature at 11:00 AM?
- 2) The temperature inside a store was  $94^{\circ}\text{F}$ . If the temperature outside the store was  $25^{\circ}$  colder, what temperature was it outside?
- 3) Faye made herself a cup of hot chocolate that was  $73^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $29^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 4) Olivia poured a glass of tea that was  $90^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped  $19^{\circ}$ . What temperature was the tea after she added the ice?
- 5) The temperature inside a car was  $108^{\circ}\text{F}$ . After turning on the air conditioner the temperature dropped  $28^{\circ}$ . What temperature was it after the air conditioner was turned on?
- 6) When Ned went to the beach in the morning it was  $62^{\circ}\text{F}$ . When he came back later in the afternoon it was  $74^{\circ}\text{F}$ . What is the difference in temperature between the morning and afternoon?
- 7) When Tiffany went to the park at 2:30 PM it was  $66^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $81^{\circ}\text{F}$ . How much did the temperature change?
- 8) Emily set the thermostat in her house to  $80^{\circ}\text{F}$ , which was  $20^{\circ}$  cooler than the temperature outside. What temperature was it outside?
- 9) Amy heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $62^{\circ}\text{F}$ . If it was  $102^{\circ}\text{F}$  when she took it out, how much did the microwave heat it?
- 10) The temperature inside a freezer was  $23^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $20^{\circ}$ . What temperature was it after the door was left open?

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- 1) The temperature at 7:00 AM was 52°F. By 11:00 AM it had warmed up 12°. What was the temperature at 11:00 AM?
- 2) The temperature inside a store was 94°F. If the temperature outside the store was 25° colder, what temperature was it outside?
- 3) Faye made herself a cup of hot chocolate that was 73°F. After she put it in the microwave the temperature rose 29°. What temperature was the hot chocolate after she heated it?
- 4) Olivia poured a glass of tea that was 90°F. After she added some ice cubes the temperature dropped 19°. What temperature was the tea after she added the ice?
- 5) The temperature inside a car was 108°F. After turning on the air conditioner the temperature dropped 28°. What temperature was it after the air conditioner was turned on?
- 6) When Ned went to the beach in the morning it was 62°F. When he came back later in the afternoon it was 74°F. What is the difference in temperature between the morning and afternoon?
- 7) When Tiffany went to the park at 2:30 PM it was 66°F. By the time she left at 5:30 PM it was 81° F. How much did the temperature change?
- 8) Emily set the thermostat in her house to 80°F, which was 20° cooler than the temperature outside. What temperature was it outside?
- 9) Amy heated up a slice of pizza in the microwave. Before she put it in, the pizza was 62°F. If it was 102° F when she took it out, how much did the microwave heat it?
- 10) The temperature inside a freezer was 23°F. After the door was left open for an hour the temperature had risen 20°. What temperature was it after the door was left open?

1. **64°**
2. **69°**
3. **102°**
4. **71°**
5. **80°**
6. **12°**
7. **15°**
8. **100°**
9. **40°**
10. **43°**



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**Answers**

100°

102°

12°

69°

43°

71°

80°

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