

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

- 1) On Sunday it was  $88^{\circ}\text{F}$ . On Monday it was  $18^{\circ}$  colder. What temperature was it on Monday?
- 2) Rachel measured the temperature of her soda and found that it was  $55^{\circ}\text{F}$ . After sitting out for an hour it had warmed  $22^{\circ}$ . What temperature was the soda after an hour?
- 3) An industrial machine is  $177^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down  $46^{\circ}$ . What temperature is the machine after it cools down?
- 4) Vanessa poured a glass of tea that was  $94^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped  $17^{\circ}$ . What temperature was the tea after she added the ice?
- 5) A weather station predicted the temperature on Saturday would be  $73^{\circ}\text{F}$ . If the actual temperature was  $89^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 6) Bianca heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $57^{\circ}\text{F}$ . If it was  $103^{\circ}\text{F}$  when she took it out, how much did the microwave heat it?
- 7) Robin set the thermostat in her house to  $80^{\circ}\text{F}$ , which was  $16^{\circ}$  cooler than the temperature outside. What temperature was it outside?
- 8) On Sunday it was  $57^{\circ}\text{F}$ . On Monday it was  $11^{\circ}$  warmer. What temperature was it on Monday?
- 9) The temperature inside a store was  $76^{\circ}\text{F}$ , while the temperature outside the store was  $100^{\circ}\text{F}$ . How much colder was it inside the store?
- 10) Sarah made herself a cup of hot chocolate that was  $72^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $26^{\circ}$ . What temperature was the hot chocolate after she heated it?

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**Answers**

1. 70°
2. 77°
3. 131°
4. 77°
5. 16°
6. 46°
7. 96°
8. 68°
9. 24°
10. 98°



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68°	96°	46°	16°	24°
131°	98°	77°	70°	77°

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