



Solve each problem.

**Answers**

- 1) A scientist had a liquid that was  $80^{\circ}\text{F}$ . If he needed it to be  $96^{\circ}\text{F}$  for an experiment, how much would he need to heat it up?
- 2) A weather station predicted the temperature on Saturday would be  $92^{\circ}\text{F}$ . If the actual temperature was  $15^{\circ}$  colder than their prediction, what temperature was it?
- 3) A weather station predicted the temperature on Saturday would be  $62^{\circ}\text{F}$ . If the actual temperature was  $76^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 4) The temperature inside a store was  $74^{\circ}\text{F}$ . If the temperature outside the store was  $10^{\circ}$  warmer, what temperature was it outside?
- 5) A city in Alaska had a temperature of  $71^{\circ}\text{F}$  during the day, but at night the temperature dropped  $30^{\circ}$ . What temperature was it at night?
- 6) Haley heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $56^{\circ}\text{F}$ . If it was  $98^{\circ}\text{F}$  when she took it out, how much did the microwave heat it?
- 7) Maria measured the temperature of her soda and found that it was  $41^{\circ}\text{F}$ . After sitting out for an hour it had warmed  $24^{\circ}$ . What temperature was the soda after an hour?
- 8) Vanessa heated up a slice of pizza in the microwave. When she got the pizza out it was  $156^{\circ}\text{F}$ . If the microwave heated it up  $46^{\circ}$ , what temperature was it when she originally put the pizza in?
- 9) Carol set the thermostat in her house to  $71^{\circ}\text{F}$ , while the temperature outside was  $86^{\circ}\text{F}$ . How much cooler was Carol's house then the temperature outside?
- 10) Tom read in his science book about a planet that was  $270^{\circ}\text{F}$  during the day but at night the temperature dropped  $75^{\circ}$ . What temperature was the planet at night?

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**Answers**

1. 16°
2. 77°
3. 14°
4. 84°
5. 41°
6. 42°
7. 65°
8. 110°
9. 15°
10. 195°



Solve each problem.

65°

15°

41°

14°

16°

195°

84°

77°

110°

42°

**Answers**

- 1) A scientist had a liquid that was 80°F. If he needed it to be 96°F for an experiment, how much would he need to heat it up?
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