

**Solve each problem.****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?
- 2) A weather station predicted the temperature on Saturday would be 92°F . If the actual temperature was 15° colder than their prediction, what temperature was it?
- 3) A weather station predicted the temperature on Saturday would be 62°F . If the actual temperature was 76°F , how much warmer was it then they predicted?
- 4) The temperature inside a store was 74°F . If the temperature outside the store was 10° warmer, what temperature was it outside?
- 5) A city in Alaska had a temperature of 71°F during the day, but at night the temperature dropped 30° . 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°F . If it was 98°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°F . After sitting out for an hour it had warmed 24° . 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°F . If the microwave heated it up 46° , what temperature was it when she originally put the pizza in?
- 9) Carol set the thermostat in her house to 71°F , while the temperature outside was 86°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°F during the day but at night the temperature dropped 75° . What temperature was the planet at night?

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



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Answers

65°

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41°

14°

16°

195°

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77°

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