

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

- 1) Isabel poured a glass of tea that was 91°F . After she added some ice cubes the temperature dropped 16° . What temperature was the tea after she added the ice?
- 2) A scientist had a liquid that was 90°F . If he needed to heat it up another 12° for an experiment, what temperature was he trying to make the liquid?
- 3) Gwen heated up a slice of pizza in the microwave. Before she put it in, the pizza was 60°F . If the microwave heated it up 37° , what temperature was it when she took it out?
- 4) A weather station predicted the temperature on Saturday would be 80°F . If the actual temperature was 17° colder than their prediction, what temperature was it?
- 5) A city in Alaska had a temperature of 24°F at night, but during the day it was 36° warmer. What temperature was it during the day?
- 6) Rachel poured a glass of tea that was 89°F . After she added some ice cubes the temperature dropped to 72°F . How much did the ice cool down her tea?
- 7) A desert in Africa had an average temperature last year of 106°F . If the average temperature this year is 116°F , how much warmer is it this year?
- 8) The temperature inside a store was 94°F . If the temperature outside the store was 27° colder, what temperature was it outside?
- 9) A city in Alaska had a temperature of 69°F during the day, but at night the temperature dropped to 42°F . How much colder was it at night?
- 10) A desert in Africa had an average temperature last year of 118°F . If the average temperature this year was 13° warmer, what is the average temperature this year?

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1. **75°**
2. **102°**
3. **97°**
4. **63°**
5. **60°**
6. **17°**
7. **10°**
8. **67°**
9. **27°**
10. **131°**



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17°

67°

131°

102°

63°

75°

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97°

60°

27°

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