

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

- 1) An industrial machine is 224°F when it's being used. After being unused for an hour the machine cools down to 166°F . How much does the machine cool down?
- 2) A rainforest in South America had an average temperature last year of 126°F . If the average temperature this year was 17° cooler, what is the average temperature this year?
- 3) Haley heated up a slice of pizza in the microwave. Before she put it in, the pizza was 52°F . If it was 88°F when she took it out, how much did the microwave heat it?
- 4) When Jerry went to the beach in the afternoon it was 108°F . When he came back later that night it was 20° colder. What temperature was it at night?
- 5) A news station reported that the current temperature was 105°F , but when the cold front came in later, the temperature would drop down to 72°F . How much will the cold front reduce the temperature?
- 6) The temperature inside a store was 91°F . If the temperature outside the store was 21° colder, what temperature was it outside?
- 7) The temperature inside a store was 61°F . If the temperature outside the store was 16° warmer, what temperature was it outside?
- 8) The instructions to cook a pizza say to set the oven at 345°F . If Lana set her oven 15° warmer than the instructions said, what temperature did she set her oven?
- 9) In March, the average temperature in Oklahoma was 56°F , while the average temperature in Texas was 14° warmer. What was the average temperature in Texas?
- 10) When Katie went to the park at 2:30 it was 59°F . By the time she left it had gotten 11° warmer. What temperature was it when she left the park?

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1. **58°**
2. **109°**
3. **36°**
4. **88°**
5. **33°**
6. **70°**
7. **77°**
8. **360°**
9. **70°**
10. **70°**



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Answers

360°	70°	33°	109°	70°
88°	77°	58°	36°	70°

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