

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

- 1) The instructions to cook a pizza say to set the oven at 348°F . If Amy set her oven at 366°F , how much warmer was her oven than the instructions said?
- 2) A scientist had a liquid that was 73°F . If he needed to cool it down another 11° for an experiment, what temperature was he trying to make the liquid?
- 3) A scientist had a liquid that was 90°F . If he needed to heat it up another 11° for an experiment, what temperature was he trying to make the liquid?
- 4) Gwen made herself a cup of hot chocolate that was 71°F . After she put it in the microwave the temperature rose 38° . What temperature was the hot chocolate after she heated it?
- 5) In March, the average temperature in Oklahoma was 70°F , while the average temperature in Texas was 19° warmer. What was the average temperature in Texas?
- 6) An industrial machine is 180°F when it's being used. After being unused for an hour the machine cools down 54° . What temperature is the machine after it cools down?
- 7) A news station reported that the current temperature was 97°F , but when the cold front came in later the temperature would drop 45° . What temperature will it be after the cold front hits?
- 8) A news station reported that the current temperature was 111°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?
- 9) A city in Alaska had a temperature of 69°F during the day, but at night the temperature dropped to 46°F . How much colder was it at night?
- 10) The instructions to cook a turkey say to set the oven at 354°F . If Carol set her oven 11° cooler than the instructions said, what temperature did she set her oven?

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Answers

1. **18°**
2. **62°**
3. **101°**
4. **109°**
5. **89°**
6. **126°**
7. **52°**
8. **39°**
9. **23°**
10. **343°**



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