

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

- 1) A city in Alaska had a temperature of 30°F at night, but during the day it was 33° warmer. What temperature was it during the day?
- 2) Amy measured the temperature of her soda and found that it was 44°F . After sitting out for an hour it had warmed 27° . What temperature was the soda after an hour?
- 3) A news station reported that the current temperature was 102°F , but when the cold front came in later the temperature would drop 49° . What temperature will it be after the cold front hits?
- 4) In July, the average temperature in Florida was 107°F , while the average temperature in California was 15° cooler. What was the average temperature in California?
- 5) In July, the average temperature in Miami, FL was 112°F , while the average temperature in Orlando, FL was 98°F . How much less was the temperature in Orlando?
- 6) When Katie went to the park at 2:30 PM it was 74°F . By the time she left at 5:30 PM it was 89°F . How much did the temperature change?
- 7) A desert in Africa had an average temperature last year of 107°F . If the average temperature this year is 121°F , how much warmer is it this year?
- 8) Paul read in his science book about a planet that was 82°F at night but during the day the temperature rose 111° . What temperature was the planet during the day?
- 9) Lana set the thermostat in her house to 91°F , which was 17° warmer than the temperature outside. What temperature was it outside?
- 10) Ned read was reading a book about a planet that was 312°F during the day and 163°F at night. What is the difference between the temperature during the day and the temperature at night?

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1. **63°**
2. **71°**
3. **53°**
4. **92°**
5. **14°**
6. **15°**
7. **14°**
8. **193°**
9. **74°**
10. **149°**



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Answers

63°	14°	92°	53°	193°
14°	149°	74°	71°	15°

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