Finding Temperature Changes

Name: _____

Solve each problem.

1) A scientist had a liquid that was 66°F. If he needed it to be 80°F for an experiment, how much would he need to heat it up?

1. _____

2. _____

2) The temperature at 7:00 PM was 87°F. By 11:00 PM it had cooled down 20°. What was the temperature at 11:00 PM?

3. _____

4. _____

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?

5. _____

6. _____

4) A weather station predicted the temperature on Saturday would be 72°F. If the actual temperature was 82°F, how much warmer was it then they predicted?

7. _____

8. _____

5) In March, the average temperature in Oklahoma was 50°F, while the average temperature in Texas was 12° warmer. What was the average temperature in Texas?

9. _____

10. _____

6) On Sunday it was 56°F. On Monday it was 68° F. How much did the temperature change between Sunday and Monday?

7) Amy set the thermostat in her house to 75°F, which was 11° cooler than the temperature outside. What temperature was it outside?

8) Emily set the thermostat in her house to 98°F, which was 18° warmer than the temperature outside. What temperature was it outside?

9) Lana poured a glass of tea that was 98°F. After she added some ice cubes the temperature dropped 24°. What temperature was the tea after she added the ice?

10) Cody read in his science book about a planet that was 84°F at night but during the day the temperature rose 116°. What temperature was the planet during the day?

1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0

Name:

Solve each problem.

Answers

1) A scientist had a liquid that was 66°F. If he needed it to be 80°F for an experiment, how much would he need to heat it up?

1. **14°**

2. **67°**

2) The temperature at 7:00 PM was 87°F. By 11:00 PM it had cooled down 20°. What was the temperature at 11:00 PM?

3. **101°**

4. **10°**

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?

5. **62°**

6. **12°**

4) A weather station predicted the temperature on Saturday would be 72°F. If the actual temperature was 82°F, how much warmer was it then they predicted?

7. **86°**

8. **80°**

5) In March, the average temperature in Oklahoma was 50°F, while the average temperature in Texas was 12° warmer. What was the average temperature in Texas?

9. **74°**

10. **200°**

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Math   **Modified**   www.CommonCoreSheets.com   1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0