Finding Temperature Changes

Name:

Solve each problem.

1) In July, the average temperature in Miami, FL was 100°F, while the average temperature in Orlando, FL was 93°F. How much less was the temperature in Orlando?

1. _____

2. _____

2) The instructions to cook a pizza say to set the oven at 326°F. If Katie set her oven at 344° F, how much warmer was her oven than the instructions said?

3. _____

4. _____

3) Haley made herself a cup of hot chocolate that was 78°F. After she put it in the microwave the temperature rose 30°. What temperature was the hot chocolate after she heated it?

5. _____

6. _____

4) Debby poured a glass of tea that was 102°F. After she added some ice cubes the temperature dropped to 80°F. How much did the ice cool down her tea?

7. _____

8. _____

5) Lana set the thermostat in her house to 70°F, while the temperature outside was 86°F. How much cooler was Lana's house then the temperature outside?

9. _____

10. _____

6) An industrial machine is 152°F when it is not being used and 43° hotter when it is being used. What temperature is the machine when it's being used?

7) Faye heated up a slice of pizza in the microwave. Before she put it in, the pizza was 70°F. If the microwave heated it up 35°, what temperature was it when she took it out?

8) The temperature inside a freezer was 7°F. After the door was left open for an hour the temperature had risen 24°. What temperature was it after the door was left open?

9) A rainforest in South America had an average temperature last year of 116°F. If the average temperature this year was 11° cooler, what is the average temperature this year?

10) The average temperature for January was 58°F. The average temperature for February was 19° colder. What was the average temperature for February?

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

Solve each problem.

Answers

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1. _____**7°**_____

2. _____**18°**_____

3. _____**108°**_____

4. _____**22°**_____

5. _____**16°**_____

6. _____**195°**_____

7. _____**105°**_____

8. _____**31°**_____

9. _____**105°**_____

10. _____**39°**_____

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Solve each problem.

105°	195°	22°	105°	18°
108°	31°	39°	16°	7°

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Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____