Finding Temperature Changes

Name:

Solve each problem.

1) Carol heated up a slice of pizza in the microwave. Before she put it in, the pizza was 68°F. If the microwave heated it up 31°, what temperature was it when she took it out?

2) The temperature in the morning was 79°F. By the afternoon it was 96°F. How much did the temperature change?

3) The average temperature for January was 36°F. The average temperature for February was 11° warmer. What was the average temperature for February?

4) The temperature inside a store was 96°F. If the temperature outside the store was 23° colder, what temperature was it outside?

5) The temperature inside a car was 103°F. After turning on the air conditioner the temperature dropped 22°. What temperature was it after the air conditioner was turned on?

6) The temperature at 7:00 PM was 86°F. By 11:00 PM it had cooled down 17°. What was the temperature at 11:00 PM?

7) A scientist had a liquid that was 60°F. If he needed it to be 77°F for an experiment, how much would he need to heat it up?

8) Paige set the thermostat in her house to 79°F, which was 12° cooler than the temperature outside. What temperature was it outside?

9) The average temperature for January was 52°F. The average temperature for February was 72°F. How much warmer was February than January?

10) In July, the average temperature in Miami, FL was 103°F, while the average temperature in Orlando, FL was 97°F. How much less was the temperature in Orlando?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Name:

Solve each problem.

Answers

1) Carol heated up a slice of pizza in the microwave. Before she put it in, the pizza was 68°F. If the microwave heated it up 31°, what temperature was it when she took it out?

1. _____**99°**_____

2. _____**17°**_____

2) The temperature in the morning was 79°F. By the afternoon it was 96°F. How much did the temperature change?

3. _____**47°**_____

4. _____**73°**_____

3) The average temperature for January was 36°F. The average temperature for February was 11° warmer. What was the average temperature for February?

5. _____**81°**_____

6. _____**69°**_____

4) The temperature inside a store was 96°F. If the temperature outside the store was 23° colder, what temperature was it outside?

7. _____**17°**_____

8. _____**91°**_____

5) The temperature inside a car was 103°F. After turning on the air conditioner the temperature dropped 22°. What temperature was it after the air conditioner was turned on?

9. _____**20°**_____

10. _____**6°**_____

6) The temperature at 7:00 PM was 86°F. By 11:00 PM it had cooled down 17°. What was the temperature at 11:00 PM?

7) A scientist had a liquid that was 60°F. If he needed it to be 77°F for an experiment, how much would he need to heat it up?

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10) In July, the average temperature in Miami, FL was 103°F, while the average temperature in Orlando, FL was 97°F. How much less was the temperature in Orlando?

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

Math

Solve each problem.

47°	69°	99°	91°	17°
6°	73°	17°	20°	81°

1. _____

2. _____

3. _____

1) Carol heated up a slice of pizza in the microwave. Before she put it in, the pizza was 68°F. If the microwave heated it up 31°, what temperature was it when she took it out?

4. _____

2) The temperature in the morning was 79°F. By the afternoon it was 96°F. How much did the temperature change?

5. _____

6. _____

3) The average temperature for January was 36°F. The average temperature for February was 11° warmer. What was the average temperature for February?

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