Finding Temperature Changes

Solve each problem.

1) A city in Alaska had a temperature of 30°F at night, but during the day it was 40° warmer. What temperature was it during the day?

1. _____

2. _____

2) When Paul went to the beach in the morning it was 83°F. When he came back in the afternoon it was 11° warmer. What temperature was it in the afternoon?

3. _____

4. _____

3) A city in Alaska had a temperature of 77°F during the day, but at night the temperature dropped 28°. What temperature was it at night?

5. _____

6. _____

4) Amy heated up a slice of pizza in the microwave. Before she put it in, the pizza was 53°F. If the microwave heated it up 49°, what temperature was it when she took it out?

7. _____

8. _____

5) When Luke went to the beach in the morning it was 78°F. When he came back later in the afternoon it was 95°F. What is the difference in temperature between the morning and afternoon?

9. _____

10. _____

6) A scientist had a liquid that was 84°F. If he needed to cool it down another 12° for an experiment, what temperature was he trying to make the liquid?

7) When Debby went to the park at 2:30 PM it was 80°F. By the time she left it had gotten 13° cooler. What temperature was it when she left the park?

8) When Nancy went to the park at 2:30 PM it was 72°F. By the time she left at 5:30 PM it was 84° F. How much did the temperature change?

9) The temperature in the morning was 80°F. By the afternoon it was 97°F. How much did the temperature change?

10) A scientist had a liquid that was 74°F. If he needed it to be 86°F for an experiment, how much would he need to heat it up?

Name: **Answer Key**

Solve each problem.

Answers

1) A city in Alaska had a temperature of 30°F at night, but during the day it was 40° warmer. What temperature was it during the day?

1. ___**70°**___

2) When Paul went to the beach in the morning it was 83°F. When he came back in the afternoon it was 11° warmer. What temperature was it in the afternoon?

2. ___**94°**___

3. ___**49°**___

3) A city in Alaska had a temperature of 77°F during the day, but at night the temperature dropped 28°. What temperature was it at night?

4. ___**102°**___

5. ___**17°**___

4) Amy heated up a slice of pizza in the microwave. Before she put it in, the pizza was 53°F. If the microwave heated it up 49°, what temperature was it when she took it out?

6. ___**72°**___

7. ___**67°**___

5) When Luke went to the beach in the morning it was 78°F. When he came back later in the afternoon it was 95°F. What is the difference in temperature between the morning and afternoon?

8. ___**12°**___

9. ___**17°**___

6) A scientist had a liquid that was 84°F. If he needed to cool it down another 12° for an experiment, what temperature was he trying to make the liquid?

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7) When Debby went to the park at 2:30 PM it was 80°F. By the time she left it had gotten 13° cooler. What temperature was it when she left the park?

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Finding Temperature Changes

Name:

Solve each problem.

49°	72°	17°	102°	70°
12°	12°	67°	17°	94°

Answers

1. _____

1) A city in Alaska had a temperature of 30°F at night, but during the day it was 40° warmer. What temperature was it during the day?

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