Finding Temperature Changes

Name:

Solve each problem.

1) A news station reported that the current temperature was 91°F, but when the cold front came in later the temperature would drop 34°. What temperature will it be after the cold front hits?

2) The average temperature for January was 46°F. The average temperature for February was 14° colder. What was the average temperature for February?

3) A city in Alaska had a temperature of 79°F during the day, but at night the temperature dropped 21°. What temperature was it at night?

4) A desert in Africa had an average temperature last year of 112°F. If the average temperature this year is 122°F, how much warmer is it this year?

5) Carol measured the temperature of her soda and found that it was 59°F. After putting it in her freezer for an hour it cooled off 18°. What temperature was the soda after an hour?

6) A city in Alaska had a temperature of 76°F during the day, but at night the temperature dropped to 49°F. How much colder was it at night?

7) A news station reported that the current temperature was 53°F, but next week it would be 20° warmer. What temperature will it be next week?

8) A weather station predicted the temperature on Saturday would be 72°F. If the actual temperature was 84°F, how much warmer was it then they predicted?

9) When Paige went to the park at 2:30 it was 63°F. By the time she left it had gotten 18° warmer. What temperature was it when she left the park?

10) A scientist had a liquid that was 90°F. If he needed to heat it up another 19° for an experiment, what temperature was he trying to make the liquid?

Answers

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

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

Finding Temperature Changes

Name: **Answer Key**

Solve each problem.

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Answers

1. **57°**
2. **32°**
3. **58°**
4. **10°**
5. **41°**
6. **27°**
7. **73°**
8. **12°**
9. **81°**
10. **109°**

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

Finding Temperature Changes

Name:

Solve each problem.

81°	109°	57°	41°	73°
32°	10°	58°	12°	27°

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Answers

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

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