Finding Temperature Changes

Name:

Solve each problem.

1) Faye measured the temperature of her soda and found that it was 104°F. After putting it in her freezer for an hour it was 76°F. How much did the freezer cool her soda down?

2) Janet made herself a cup of hot chocolate that was 75°F. After she put it in the microwave the temperature rose 39°. What temperature was the hot chocolate after she heated it?

3) The temperature inside a store was 66°F, while the temperature outside the store was 96° F. How much colder was it inside the store?

4) A news station reported that the current temperature was 88°F, but when the cold front came in later the temperature would drop 35°. What temperature will it be after the cold front hits?

5) When Emily went to the park at 2:30 PM it was 79°F. By the time she left it had gotten 10° cooler. What temperature was it when she left the park?

6) Nancy set the thermostat in her house to 77°F, while the temperature outside was 96°F. How much cooler was Nancy's house then the temperature outside?

7) The temperature inside a freezer was 22°F. After the door was left open for an hour the temperature had risen 23°. What temperature was it after the door was left open?

8) Haley measured the temperature of her soda and found that it was 85°F. After putting it in her freezer for an hour it cooled off 26°. What temperature was the soda after an hour?

9) On Sunday it was 62°F. On Monday it was 15° warmer. What temperature was it on Monday?

10) The temperature inside a truck was 89°F. After sitting in the sun for an hour the temperature rose to 109° F. How much did the truck warm up?

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. **28°**
2. **114°**
3. **30°**
4. **53°**
5. **69°**
6. **19°**
7. **45°**
8. **59°**
9. **77°**
10. **20°**

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

Finding Temperature Changes

Name:

Solve each problem.

77°	19°	45°	114°	59°
28°	20°	69°	30°	53°

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