

**Solve each problem.****Answers**

- 1) Faye measured the temperature of her soda and found that it was  $104^{\circ}\text{F}$ . After putting it in her freezer for an hour it was  $76^{\circ}\text{F}$ . How much did the freezer cool her soda down?
- 2) Janet made herself a cup of hot chocolate that was  $75^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $39^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 3) The temperature inside a store was  $66^{\circ}\text{F}$ , while the temperature outside the store was  $96^{\circ}\text{F}$ . How much colder was it inside the store?
- 4) A news station reported that the current temperature was  $88^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $35^{\circ}$ . What temperature will it be after the cold front hits?
- 5) When Emily went to the park at 2:30 PM it was  $79^{\circ}\text{F}$ . By the time she left it had gotten  $10^{\circ}$  cooler. What temperature was it when she left the park?
- 6) Nancy set the thermostat in her house to  $77^{\circ}\text{F}$ , while the temperature outside was  $96^{\circ}\text{F}$ . How much cooler was Nancy's house than the temperature outside?
- 7) The temperature inside a freezer was  $22^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $23^{\circ}$ . What temperature was it after the door was left open?
- 8) Haley measured the temperature of her soda and found that it was  $85^{\circ}\text{F}$ . After putting it in her freezer for an hour it cooled off  $26^{\circ}$ . What temperature was the soda after an hour?
- 9) On Sunday it was  $62^{\circ}\text{F}$ . On Monday it was  $15^{\circ}$  warmer. What temperature was it on Monday?
- 10) The temperature inside a truck was  $89^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $109^{\circ}\text{F}$ . How much did the truck warm up?

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1.  **$28^{\circ}$**
2.  **$114^{\circ}$**
3.  **$30^{\circ}$**
4.  **$53^{\circ}$**
5.  **$69^{\circ}$**
6.  **$19^{\circ}$**
7.  **$45^{\circ}$**
8.  **$59^{\circ}$**
9.  **$77^{\circ}$**
10.  **$20^{\circ}$**



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77°

19°

45°

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59°

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20°

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