

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

- 1) A news station reported that the current temperature was  $41^{\circ}\text{F}$ , but next week it would be  $21^{\circ}$  warmer. What temperature will it be next week?
- 2) An industrial machine is  $169^{\circ}\text{F}$  when it is not being used and  $45^{\circ}$  hotter when it is being used. What temperature is the machine when it's being used?
- 3) When Sam went to the beach in the morning it was  $53^{\circ}\text{F}$ . When he came back later in the afternoon it was  $73^{\circ}\text{F}$ . What is the difference in temperature between the morning and afternoon?
- 4) An industrial machine is  $210^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down to  $160^{\circ}\text{F}$ . How much does the machine cool down?
- 5) When Sarah went to the park at 2:30 PM it was  $55^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $70^{\circ}\text{F}$ . How much did the temperature change?
- 6) A weather station predicted the temperature on Saturday would be  $82^{\circ}\text{F}$ . If the actual temperature was  $99^{\circ}\text{F}$ , how much warmer was it than they predicted?
- 7) A weather station predicted the temperature on Saturday would be  $79^{\circ}\text{F}$ . If the actual temperature was  $12^{\circ}$  warmer than their prediction, what temperature was it?
- 8) In March, the average temperature in Oklahoma was  $75^{\circ}\text{F}$ , while the average temperature in Texas was  $18^{\circ}$  warmer. What was the average temperature in Texas?
- 9) In July, the average temperature in Florida was  $104^{\circ}\text{F}$ , while the average temperature in California was  $6^{\circ}$  cooler. What was the average temperature in California?
- 10) Maria measured the temperature of her soda and found that it was  $68^{\circ}\text{F}$ . After putting it in her freezer for an hour it cooled off  $17^{\circ}$ . What temperature was the soda after an hour?

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**Answers**

1. 62°
2. 214°
3. 20°
4. 50°
5. 15°
6. 17°
7. 91°
8. 93°
9. 98°
10. 51°



Solve each problem.

17°	51°	91°	93°	20°
50°	214°	15°	98°	62°

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