Solve each problem.

- 1) When Robin went to the park at 2:30 it was 87°F. By the time she left it had gotten 20° warmer. What temperature was it when she left the park?
- · ____

Answers

- 2) Sarah poured a glass of tea that was 95°F. After she added some ice cubes the temperature dropped 21°. What temperature was the tea after she added the ice?
- ,
- 3) A news station reported that the current temperature was 93°F, but when the cold front came in later the temperature would drop 46°. What temperature will it be after the cold front hits?
- . _____
- 4) An industrial machine is 175°F when it's being used. After being unused for an hour the machine cools down to 124°F. How much does the machine cool down?

- 5) The instructions to cook a turkey say to set the oven at 354°F. If Isabel set her oven 19° cooler than the instructions said, what temperature did she set her oven?
- ₹
- 6) On Sunday it was 54°F. On Monday it was 64° F. How much did the temperature change between Sunday and Monday?
- · _____

7) An industrial machine is 144°F when it is not being used and 60° hotter when it is being used. What temperature is the machine when it's being used?

10. _____

- 8) The temperature inside a store was 64°F, while the temperature outside the store was 92° F. How much colder was it inside the store?
- 9) Mike read in his science book about a planet that was 232°F during the day but at night the temperature dropped 71°. What temperature was the planet at night?
- 10) In March, the average temperature in Oklahoma was 84°F, while the average temperature in Texas was 19° warmer. What was the average temperature in Texas?

Name: Answer Key

Solve each problem.

- 1) When Robin went to the park at 2:30 it was 87°F. By the time she left it had gotten 20° warmer. What temperature was it when she left the park?
- 1. **107**°

Answers

- 2) Sarah poured a glass of tea that was 95°F. After she added some ice cubes the temperature dropped 21°. What temperature was the tea after she added the ice?
- .--
- 3) A news station reported that the current temperature was 93°F, but when the cold front came in later the temperature would drop 46°. What temperature will it be after the cold front hits?
- 4. **51**°

- 4) An industrial machine is 175°F when it's being used. After being unused for an hour the machine cools down to 124°F. How much does the machine cool down?
- 100
- machine cools down to 124°F. How much does the machine cool down?
- 7. **204**°
- 5) The instructions to cook a turkey say to set the oven at 354°F. If Isabel set her oven 19° cooler than the instructions said, what temperature did she set her oven?
- a 161°
- 6) On Sunday it was 54°F. On Monday it was 64° F. How much did the temperature change between Sunday and Monday?
- 10 **103**°

- 7) An industrial machine is 144°F when it is not being used and 60° hotter when it is being used. What temperature is the machine when it's being used?
- 8) The temperature inside a store was 64°F, while the temperature outside the store was 92° F. How much colder was it inside the store?
- 9) Mike read in his science book about a planet that was 232°F during the day but at night the temperature dropped 71°. What temperature was the planet at night?
- **10**) In March, the average temperature in Oklahoma was 84°F, while the average temperature in Texas was 19° warmer. What was the average temperature in Texas?



Finding Temperature Changes

Name:

Solve each problem.

107°	10°	28°	161°	74°	
335°	103°	204°	47°	51°	

- Answers
- 1) When Robin went to the park at 2:30 it was 87°F. By the time she left it had gotten 20° warmer. What temperature was it when she left the park?
- 2) Sarah poured a glass of tea that was 95°F. After she added some ice cubes the temperature dropped 21°. What temperature was the tea after she added the ice?
- 3) A news station reported that the current temperature was 93°F, but when the cold front came in later the temperature would drop 46°. What temperature will it be after the cold front hits?
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- 10) In March, the average temperature in Oklahoma was 84°F, while the average temperature in Texas was 19° warmer. What was the average temperature in Texas?