



Solve each problem.

Answers

- 1) Faye made herself a cup of hot chocolate that was 77°F . After she put it in the microwave the temperature rose 25° . What temperature was the hot chocolate after she heated it?
- 2) A news station reported that the current temperature was 40°F , but next week it would be 36° warmer. What temperature will it be next week?
- 3) A city in Alaska had a temperature of 70°F during the day, but at night the temperature dropped 26° . What temperature was it at night?
- 4) The instructions to cook a pizza say to set the oven at 340°F . If Carol set her oven at 357°F , how much warmer was her oven than the instructions said?
- 5) A desert in Africa had an average temperature last year of 121°F . If the average temperature this year was 15° warmer, what is the average temperature this year?
- 6) On Sunday it was 75°F . On Monday it was 15° warmer. What temperature was it on Monday?
- 7) Lana heated up a slice of pizza in the microwave. When she got the pizza out it was 134°F . If the microwave heated it up 43° , what temperature was it when she originally put the pizza in?
- 8) The average temperature for January was 33°F . The average temperature for February was 47°F . How much warmer was February than January?
- 9) When Emily went to the park at 2:30 PM it was 72°F . By the time she left it had gotten 11° cooler. What temperature was it when she left the park?
- 10) On Sunday it was 53°F . On Monday it was 66°F . How much did the temperature change between Sunday and Monday?

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- 10) On Sunday it was 53°F . On Monday it was 66°F . How much did the temperature change between Sunday and Monday?

Answers

1. 102°
2. 76°
3. 44°
4. 17°
5. 136°
6. 90°
7. 91°
8. 14°
9. 61°
10. 13°



Solve each problem.

Answers

136°	91°	76°	13°	44°
90°	14°	102°	17°	61°

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Solve each problem.

Answers

- 1) The temperature inside a freezer was 27°F . After the door was left open for an hour the temperature had risen 29° . What temperature was it after the door was left open?
- 2) The temperature at 7:00 AM was 52°F . By 11:00 AM it had warmed up 14° . What was the temperature at 11:00 AM?
- 3) The temperature inside a store was 99°F . If the temperature outside the store was 29° colder, what temperature was it outside?
- 4) The temperature inside a store was 76°F . If the temperature outside the store was 11° warmer, what temperature was it outside?
- 5) Amy measured the temperature of her soda and found that it was 78°F . After putting it in her freezer for an hour it cooled off 20° . What temperature was the soda after an hour?
- 6) Victor read was reading a book about a planet that was 289°F during the day and 179°F at night. What is the difference between the temperature during the day and the temperature at night?
- 7) Olivia set the thermostat in her house to 74°F , while the temperature outside was 84°F . How much cooler was Olivia's house then the temperature outside?
- 8) When Debby went to the park at 2:30 PM it was 80°F . By the time she left at 5:30 PM it was 95°F . How much did the temperature change?
- 9) A weather station predicted the temperature on Saturday would be 51°F . If the actual temperature was 65°F , how much warmer was it then they predicted?
- 10) An industrial machine is 213°F when it's being used. After being unused for an hour the machine cools down 51° . What temperature is the machine after it cools down?

1. _____
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Solve each problem.

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- 10) An industrial machine is 213°F when it's being used. After being unused for an hour the machine cools down 51° . What temperature is the machine after it cools down?

Answers

1. 56°
2. 66°
3. 70°
4. 87°
5. 58°
6. 110°
7. 10°
8. 15°
9. 14°
10. 162°



Solve each problem.

56°	58°	14°	70°	10°
87°	162°	66°	15°	110°

Answers

- 1) The temperature inside a freezer was 27°F. After the door was left open for an hour the temperature had risen 29°. What temperature was it after the door was left open?
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**Solve each problem.****Answers**

- 1) A scientist had a liquid that was 80°F . If he needed it to be 96°F for an experiment, how much would he need to heat it up?
- 2) A weather station predicted the temperature on Saturday would be 92°F . If the actual temperature was 15° colder than their prediction, what temperature was it?
- 3) A weather station predicted the temperature on Saturday would be 62°F . If the actual temperature was 76°F , how much warmer was it then they predicted?
- 4) The temperature inside a store was 74°F . If the temperature outside the store was 10° warmer, what temperature was it outside?
- 5) A city in Alaska had a temperature of 71°F during the day, but at night the temperature dropped 30° . What temperature was it at night?
- 6) Haley heated up a slice of pizza in the microwave. Before she put it in, the pizza was 56°F . If it was 98°F when she took it out, how much did the microwave heat it?
- 7) Maria measured the temperature of her soda and found that it was 41°F . After sitting out for an hour it had warmed 24° . What temperature was the soda after an hour?
- 8) Vanessa heated up a slice of pizza in the microwave. When she got the pizza out it was 156°F . If the microwave heated it up 46° , what temperature was it when she originally put the pizza in?
- 9) Carol set the thermostat in her house to 71°F , while the temperature outside was 86°F . How much cooler was Carol's house then the temperature outside?
- 10) Tom read in his science book about a planet that was 270°F during the day but at night the temperature dropped 75° . What temperature was the planet at night?

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- 10) Tom read in his science book about a planet that was 270°F during the day but at night the temperature dropped 75° . What temperature was the planet at night?

Answers

1. 16°
2. 77°
3. 14°
4. 84°
5. 41°
6. 42°
7. 65°
8. 110°
9. 15°
10. 195°



Solve each problem.

65°

15°

41°

14°

16°

195°

84°

77°

110°

42°

Answers

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

- 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?

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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°



Solve each problem.

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

Answers

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8. _____
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10. _____

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

- 1) On Sunday it was 63°F . On Monday it was 75°F . How much did the temperature change between Sunday and Monday?
- 2) The instructions to cook a turkey say to set the oven at 341°F . If Rachel set her oven 10° cooler than the instructions said, what temperature did she set her oven?
- 3) When George went to the beach in the morning it was 75°F . When he came back in the afternoon it was 13° warmer. What temperature was it in the afternoon?
- 4) A desert in Africa had an average temperature last year of 110°F . If the average temperature this year is 123°F , how much warmer is it this year?
- 5) Vanessa heated up a slice of pizza in the microwave. Before she put it in, the pizza was 51°F . If the microwave heated it up 33° , what temperature was it when she took it out?
- 6) The temperature inside a freezer was 25°F . After the door was left open for an hour the temperature had risen 22° . What temperature was it after the door was left open?
- 7) The temperature inside a store was 63°F . If the temperature outside the store was 11° warmer, what temperature was it outside?
- 8) When Jerry went to the beach in the afternoon it was 75°F . When he came back later that night it was 12° colder. What temperature was it at night?
- 9) The temperature at 7:00 PM was 88°F . By 11:00 PM it had cooled down 10° . What was the temperature at 11:00 PM?
- 10) On Sunday it was 83°F . On Monday it was 14° colder. What temperature was it on Monday?

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- 10) On Sunday it was 83°F . On Monday it was 14° colder. What temperature was it on Monday?

Answers

1. 12°
2. 331°
3. 88°
4. 13°
5. 84°
6. 47°
7. 74°
8. 63°
9. 78°
10. 69°



Solve each problem.

69°	74°	47°	78°	331°
12°	63°	13°	88°	84°

Answers

- 1) On Sunday it was 63°F. On Monday it was 75° F. How much did the temperature change between Sunday and Monday?
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Solve each problem.

Answers

- 1) On Sunday it was 79°F . On Monday it was 91°F . How much did the temperature change between Sunday and Monday?
- 2) When Olivia went to the park at 2:30 it was 73°F . By the time she left it had gotten 10° warmer. What temperature was it when she left the park?
- 3) The temperature inside a truck was 83°F . After sitting in the sun for an hour the temperature rose to 113°F . How much did the truck warm up?
- 4) The temperature inside a store was 60°F . If the temperature outside the store was 11° warmer, what temperature was it outside?
- 5) Adam read in his science book about a planet that was 256°F during the day but at night the temperature dropped 78° . What temperature was the planet at night?
- 6) In July, the average temperature in Florida was 105°F , while the average temperature in California was 8° cooler. What was the average temperature in California?
- 7) The average temperature for January was 47°F . The average temperature for February was 18° warmer. What was the average temperature for February?
- 8) An industrial machine is 202°F when it's being used. After being unused for an hour the machine cools down to 146°F . How much does the machine cool down?
- 9) Bianca measured the temperature of her soda and found that it was 56°F . After sitting out for an hour it had warmed 13° . What temperature was the soda after an hour?
- 10) A news station reported that the current temperature was 85°F , but when the cold front came in later the temperature would drop 31° . What temperature will it be after the cold front hits?

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Answers

1. 12°
2. 83°
3. 30°
4. 71°
5. 178°
6. 97°
7. 65°
8. 56°
9. 69°
10. 54°



Solve each problem.

Answers

97°	54°	178°	56°	12°
83°	65°	30°	69°	71°

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- 5) Adam read in his science book about a planet that was 256°F during the day but at night the temperature dropped 78°. What temperature was the planet at night?
- 6) In July, the average temperature in Florida was 105°F, while the average temperature in California was 8° cooler. What was the average temperature in California?
- 7) The average temperature for January was 47°F. The average temperature for February was 18° warmer. What was the average temperature for February?
- 8) An industrial machine is 202°F when it's being used. After being unused for an hour the machine cools down to 146°F. How much does the machine cool down?
- 9) Bianca measured the temperature of her soda and found that it was 56°F. After sitting out for an hour it had warmed 13°. What temperature was the soda after an hour?
- 10) A news station reported that the current temperature was 85°F, but when the cold front came in later the temperature would drop 31°. What temperature will it be after the cold front hits?

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



Solve each problem.

Answers

- 1) When Sarah went to the park at 2:30 it was 61°F . By the time she left it had gotten 12° warmer. What temperature was it when she left the park?
- 2) A weather station predicted the temperature on Saturday would be 67°F . If the actual temperature was 12° colder than their prediction, what temperature was it?
- 3) A desert in Africa had an average temperature last year of 109°F . If the average temperature this year is 120°F , how much warmer is it this year?
- 4) Emily set the thermostat in her house to 86°F , which was 12° warmer than the temperature outside. What temperature was it outside?
- 5) The average temperature for January was 58°F . The average temperature for February was 13° warmer. What was the average temperature for February?
- 6) Olivia poured a glass of tea that was 100°F . After she added some ice cubes the temperature dropped 30° . What temperature was the tea after she added the ice?
- 7) Maria heated up a slice of pizza in the microwave. Before she put it in, the pizza was 68°F . If the microwave heated it up 47° , what temperature was it when she took it out?
- 8) A news station reported that the current temperature was 123°F , but when the cold front came in later, the temperature would drop down to 86°F . How much will the cold front reduce the temperature?
- 9) The temperature inside a store was 70°F , while the temperature outside the store was 93°F . How much colder was it inside the store?
- 10) A news station reported that the current temperature was 50°F , but next week it would be 39° warmer. What temperature will it be next week?

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



Solve each problem.

- 1) When Sarah went to the park at 2:30 it was 61°F . By the time she left it had gotten 12° warmer. What temperature was it when she left the park?
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- 9) The temperature inside a store was 70°F , while the temperature outside the store was 93°F . How much colder was it inside the store?
- 10) A news station reported that the current temperature was 50°F , but next week it would be 39° warmer. What temperature will it be next week?

Answers

1. 73°
2. 55°
3. 11°
4. 74°
5. 71°
6. 70°
7. 115°
8. 37°
9. 23°
10. 89°



Solve each problem.

37°

55°

89°

74°

70°

73°

23°

11°

115°

71°

Answers

- 1) When Sarah went to the park at 2:30 it was 61°F. By the time she left it had gotten 12° warmer. What temperature was it when she left the park?
- 2) A weather station predicted the temperature on Saturday would be 67°F. If the actual temperature was 12° colder than their prediction, what temperature was it?
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1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

Answers

- 1) On Sunday it was 88°F . On Monday it was 18° colder. What temperature was it on Monday?
- 2) Rachel measured the temperature of her soda and found that it was 55°F . After sitting out for an hour it had warmed 22° . What temperature was the soda after an hour?
- 3) An industrial machine is 177°F when it's being used. After being unused for an hour the machine cools down 46° . What temperature is the machine after it cools down?
- 4) Vanessa poured a glass of tea that was 94°F . After she added some ice cubes the temperature dropped 17° . What temperature was the tea after she added the ice?
- 5) A weather station predicted the temperature on Saturday would be 73°F . If the actual temperature was 89°F , how much warmer was it then they predicted?
- 6) Bianca heated up a slice of pizza in the microwave. Before she put it in, the pizza was 57°F . If it was 103°F when she took it out, how much did the microwave heat it?
- 7) Robin set the thermostat in her house to 80°F , which was 16° cooler than the temperature outside. What temperature was it outside?
- 8) On Sunday it was 57°F . On Monday it was 11° warmer. What temperature was it on Monday?
- 9) The temperature inside a store was 76°F , while the temperature outside the store was 100°F . How much colder was it inside the store?
- 10) Sarah made herself a cup of hot chocolate that was 72°F . After she put it in the microwave the temperature rose 26° . What temperature was the hot chocolate after she heated it?

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



Solve each problem.

- 1) On Sunday it was 88°F . On Monday it was 18° colder. What temperature was it on Monday?
- 2) Rachel measured the temperature of her soda and found that it was 55°F . After sitting out for an hour it had warmed 22° . What temperature was the soda after an hour?
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- 8) On Sunday it was 57°F . On Monday it was 11° warmer. What temperature was it on Monday?
- 9) The temperature inside a store was 76°F , while the temperature outside the store was 100°F . How much colder was it inside the store?
- 10) Sarah made herself a cup of hot chocolate that was 72°F . After she put it in the microwave the temperature rose 26° . What temperature was the hot chocolate after she heated it?

Answers

1. 70°
2. 77°
3. 131°
4. 77°
5. 16°
6. 46°
7. 96°
8. 68°
9. 24°
10. 98°



Solve each problem.

Answers

68°	96°	46°	16°	24°
131°	98°	77°	70°	77°

- 1) On Sunday it was 88°F. On Monday it was 18° colder. What temperature was it on Monday?
- 2) Rachel measured the temperature of her soda and found that it was 55°F. After sitting out for an hour it had warmed 22°. What temperature was the soda after an hour?
- 3) An industrial machine is 177°F when it's being used. After being unused for an hour the machine cools down 46°. What temperature is the machine after it cools down?
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- 5) A weather station predicted the temperature on Saturday would be 73°F. If the actual temperature was 89°F, how much warmer was it then they predicted?
- 6) Bianca heated up a slice of pizza in the microwave. Before she put it in, the pizza was 57°F. If it was 103° F when she took it out, how much did the microwave heat it?
- 7) Robin set the thermostat in her house to 80°F, which was 16° cooler than the temperature outside. What temperature was it outside?
- 8) On Sunday it was 57°F. On Monday it was 11° warmer. What temperature was it on Monday?
- 9) The temperature inside a store was 76°F, while the temperature outside the store was 100° F. How much colder was it inside the store?
- 10) Sarah made herself a cup of hot chocolate that was 72°F. After she put it in the microwave the temperature rose 26°. What temperature was the hot chocolate after she heated it?

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



Solve each problem.

Answers

- 1) The temperature inside a store was 63°F . If the temperature outside the store was 19° warmer, what temperature was it outside?
- 2) Nancy made herself a cup of hot chocolate that was 72°F . After she put it in the microwave the temperature rose 28° . What temperature was the hot chocolate after she heated it?
- 3) When Katie went to the park at 2:30 it was 64°F . By the time she left it had gotten 19° warmer. What temperature was it when she left the park?
- 4) The temperature inside a store was 72°F , while the temperature outside the store was 94°F . How much colder was it inside the store?
- 5) Janet set the thermostat in her house to 90°F , which was 18° warmer than the temperature outside. What temperature was it outside?
- 6) The average temperature for January was 45°F . The average temperature for February was 60°F . How much warmer was February than January?
- 7) A weather station predicted the temperature on Saturday would be 101°F . If the actual temperature was 18° colder than their prediction, what temperature was it?
- 8) A weather station predicted the temperature on Saturday would be 81°F . If the actual temperature was 99°F , how much warmer was it then they predicted?
- 9) The temperature inside a freezer was 10°F . After the door was left open for an hour the temperature had risen 25° . What temperature was it after the door was left open?
- 10) When Ned went to the beach in the afternoon it was 90°F . When he came back later that night it was 10° colder. What temperature was it at night?

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



Solve each problem.

- 1) The temperature inside a store was 63°F . If the temperature outside the store was 19° warmer, what temperature was it outside?
- 2) Nancy made herself a cup of hot chocolate that was 72°F . After she put it in the microwave the temperature rose 28° . What temperature was the hot chocolate after she heated it?
- 3) When Katie went to the park at 2:30 it was 64°F . By the time she left it had gotten 19° warmer. What temperature was it when she left the park?
- 4) The temperature inside a store was 72°F , while the temperature outside the store was 94°F . How much colder was it inside the store?
- 5) Janet set the thermostat in her house to 90°F , which was 18° warmer than the temperature outside. What temperature was it outside?
- 6) The average temperature for January was 45°F . The average temperature for February was 60°F . How much warmer was February than January?
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- 9) The temperature inside a freezer was 10°F . After the door was left open for an hour the temperature had risen 25° . What temperature was it after the door was left open?
- 10) When Ned went to the beach in the afternoon it was 90°F . When he came back later that night it was 10° colder. What temperature was it at night?

Answers

1. 82°
2. 100°
3. 83°
4. 22°
5. 72°
6. 15°
7. 83°
8. 18°
9. 35°
10. 80°



Solve each problem.

83°	15°	100°	35°	18°
82°	80°	72°	83°	22°

Answers

- 1) The temperature inside a store was 63°F. If the temperature outside the store was 19° warmer, what temperature was it outside?
- 2) Nancy made herself a cup of hot chocolate that was 72°F. After she put it in the microwave the temperature rose 28°. What temperature was the hot chocolate after she heated it?
- 3) When Katie went to the park at 2:30 it was 64°F. By the time she left it had gotten 19° warmer. What temperature was it when she left the park?
- 4) The temperature inside a store was 72°F, while the temperature outside the store was 94° F. How much colder was it inside the store?
- 5) Janet set the thermostat in her house to 90°F, which was 18° warmer than the temperature outside. What temperature was it outside?
- 6) The average temperature for January was 45°F. The average temperature for February was 60°F. How much warmer was February than January?
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- 8) A weather station predicted the temperature on Saturday would be 81°F. If the actual temperature was 99°F, how much warmer was it then they predicted?
- 9) The temperature inside a freezer was 10°F. After the door was left open for an hour the temperature had risen 25°. What temperature was it after the door was left open?
- 10) When Ned went to the beach in the afternoon it was 90°F. When he came back later that night it was 10° colder. What temperature was it at night?

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



Solve each problem.

Answers

- 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 than 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?

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



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



Solve each problem.

Answers

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

- 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?
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- 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?
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1. _____
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8. _____
9. _____
10. _____