

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

- 1) A news station reported that the current temperature was  $84^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $37^{\circ}$ . What temperature will it be after the cold front hits?
- 2) The instructions to cook a pizza say to set the oven at  $338^{\circ}\text{F}$ . If Vanessa set her oven  $18^{\circ}$  warmer than the instructions said, what temperature did she set her oven?
- 3) Bianca poured a glass of tea that was  $87^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped to  $71^{\circ}\text{F}$ . How much did the ice cool down her tea?
- 4) Carol heated up a slice of pizza in the microwave. When she got the pizza out it was  $137^{\circ}\text{F}$ . If the microwave heated it up  $47^{\circ}$ , what temperature was it when she originally put the pizza in?
- 5) The temperature inside a store was  $72^{\circ}\text{F}$ , while the temperature outside the store was  $99^{\circ}\text{F}$ . How much colder was it inside the store?
- 6) The average temperature for January was  $47^{\circ}\text{F}$ . The average temperature for February was  $11^{\circ}$  colder. What was the average temperature for February?
- 7) When Lana went to the park at 2:30 PM it was  $66^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $82^{\circ}\text{F}$ . How much did the temperature change?
- 8) A city in Alaska had a temperature of  $70^{\circ}\text{F}$  during the day, but at night the temperature dropped  $22^{\circ}$ . What temperature was it at night?
- 9) A city in Alaska had a temperature of  $31^{\circ}\text{F}$  at night, but during the day it was  $35^{\circ}$  warmer. What temperature was it during the day?
- 10) Paige heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $55^{\circ}\text{F}$ . If the microwave heated it up  $37^{\circ}$ , what temperature was it when she took it out?

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- 10) Paige heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $55^{\circ}\text{F}$ . If the microwave heated it up  $37^{\circ}$ , what temperature was it when she took it out?

**Answers**

1. 47°
2. 356°
3. 16°
4. 90°
5. 27°
6. 36°
7. 16°
8. 48°
9. 66°
10. 92°

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

- 1) In July, the average temperature in Miami, FL was  $106^{\circ}\text{F}$ , while the average temperature in Orlando, FL was  $95^{\circ}\text{F}$ . How much less was the temperature in Orlando?
- 2) A weather station predicted the temperature on Saturday would be  $89^{\circ}\text{F}$ . If the actual temperature was  $18^{\circ}$  warmer than their prediction, what temperature was it?
- 3) When Vanessa went to the park at 2:30 PM it was  $61^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $72^{\circ}\text{F}$ . How much did the temperature change?
- 4) The instructions to cook a pizza say to set the oven at  $331^{\circ}\text{F}$ . If Rachel set her oven  $16^{\circ}$  warmer than the instructions said, what temperature did she set her oven?
- 5) The average temperature for January was  $47^{\circ}\text{F}$ . The average temperature for February was  $14^{\circ}$  warmer. What was the average temperature for February?
- 6) Edward read in his science book about a planet that was  $100^{\circ}\text{F}$  at night but during the day the temperature rose  $104^{\circ}$ . What temperature was the planet during the day?
- 7) A city in Alaska had a temperature of  $76^{\circ}\text{F}$  during the day, but at night the temperature dropped  $21^{\circ}$ . What temperature was it at night?
- 8) A city in Alaska had a temperature of  $77^{\circ}\text{F}$  during the day, but at night the temperature dropped to  $50^{\circ}\text{F}$ . How much colder was it at night?
- 9) A weather station predicted the temperature on Saturday would be  $68^{\circ}\text{F}$ . If the actual temperature was  $82^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 10) Tiffany set the thermostat in her house to  $91^{\circ}\text{F}$ , which was  $14^{\circ}$  warmer than the temperature outside. What temperature was it outside?

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- 2) A weather station predicted the temperature on Saturday would be  $89^{\circ}\text{F}$ . If the actual temperature was  $18^{\circ}$  warmer than their prediction, what temperature was it?
- 3) When Vanessa went to the park at 2:30 PM it was  $61^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $72^{\circ}\text{F}$ . How much did the temperature change?
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- 9) A weather station predicted the temperature on Saturday would be  $68^{\circ}\text{F}$ . If the actual temperature was  $82^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 10) Tiffany set the thermostat in her house to  $91^{\circ}\text{F}$ , which was  $14^{\circ}$  warmer than the temperature outside. What temperature was it outside?

**Answers**

1. 11°
2. 107°
3. 11°
4. 347°
5. 61°
6. 204°
7. 55°
8. 27°
9. 14°
10. 77°

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

- 1) Gwen poured a glass of tea that was  $110^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped  $30^{\circ}$ . What temperature was the tea after she added the ice?
- 2) A news station reported that the current temperature was  $49^{\circ}\text{F}$ , but next week it would be  $24^{\circ}$  warmer. What temperature will it be next week?
- 3) On Sunday it was  $70^{\circ}\text{F}$ . On Monday it was  $10^{\circ}$  colder. What temperature was it on Monday?
- 4) Isabel set the thermostat in her house to  $75^{\circ}\text{F}$ , which was  $14^{\circ}$  cooler than the temperature outside. What temperature was it outside?
- 5) A scientist had a liquid that was  $69^{\circ}\text{F}$ . If he needed it to be  $89^{\circ}\text{F}$  for an experiment, how much would he need to heat it up?
- 6) The temperature at 7:00 AM was  $46^{\circ}\text{F}$ . By 11:00 AM it had warmed up  $15^{\circ}$ . What was the temperature at 11:00 AM?
- 7) The temperature inside a store was  $76^{\circ}\text{F}$ , while the temperature outside the store was  $102^{\circ}\text{F}$ . How much colder was it inside the store?
- 8) The temperature inside a truck was  $92^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $116^{\circ}\text{F}$ . How much did the truck warm up?
- 9) A news station reported that the current temperature was  $93^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $42^{\circ}$ . What temperature will it be after the cold front hits?
- 10) An industrial machine is  $161^{\circ}\text{F}$  when it is not being used and  $52^{\circ}$  hotter when it is being used. What temperature is the machine when it's being used?

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- 9) A news station reported that the current temperature was  $93^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $42^{\circ}$ . What temperature will it be after the cold front hits?
- 10) An industrial machine is  $161^{\circ}\text{F}$  when it is not being used and  $52^{\circ}$  hotter when it is being used. What temperature is the machine when it's being used?

**Answers**

1. 80°
2. 73°
3. 60°
4. 89°
5. 20°
6. 61°
7. 26°
8. 24°
9. 51°
10. 213°

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

- 1) A city in Alaska had a temperature of  $68^{\circ}\text{F}$  during the day, but at night the temperature dropped  $23^{\circ}$ . What temperature was it at night?
- 2) A desert in Africa had an average temperature last year of  $106^{\circ}\text{F}$ . If the average temperature this year was  $14^{\circ}$  warmer, what is the average temperature this year?
- 3) On Sunday it was  $81^{\circ}\text{F}$ . On Monday it was  $93^{\circ}\text{F}$ . How much did the temperature change between Sunday and Monday?
- 4) The average temperature for January was  $41^{\circ}\text{F}$ . The average temperature for February was  $10^{\circ}$  warmer. What was the average temperature for February?
- 5) A scientist had a liquid that was  $79^{\circ}\text{F}$ . If he needed to cool it down another  $15^{\circ}$  for an experiment, what temperature was he trying to make the liquid?
- 6) The instructions to cook a turkey say to set the oven at  $353^{\circ}\text{F}$ . If Bianca set her oven  $17^{\circ}$  cooler than the instructions said, what temperature did she set her oven?
- 7) The temperature inside a car was  $116^{\circ}\text{F}$ . After turning on the air conditioner the temperature dropped  $21^{\circ}$ . What temperature was it after the air conditioner was turned on?
- 8) Robin poured a glass of tea that was  $98^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped to  $79^{\circ}\text{F}$ . How much did the ice cool down her tea?
- 9) Vanessa made herself a cup of hot chocolate that was  $74^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $23^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 10) On Sunday it was  $61^{\circ}\text{F}$ . On Monday it was  $15^{\circ}$  warmer. What temperature was it on Monday?

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- 9) Vanessa made herself a cup of hot chocolate that was  $74^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $23^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 10) On Sunday it was  $61^{\circ}\text{F}$ . On Monday it was  $15^{\circ}$  warmer. What temperature was it on Monday?

**Answers**

1. 45°
2. 120°
3. 12°
4. 51°
5. 64°
6. 336°
7. 95°
8. 19°
9. 97°
10. 76°



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

- 1) In July, the average temperature in Florida was  $114^{\circ}\text{F}$ , while the average temperature in California was  $12^{\circ}$  cooler. What was the average temperature in California?
- 2) A rainforest in South America had an average temperature last year of  $130^{\circ}\text{F}$ . If the average temperature this year was  $16^{\circ}$  cooler, what is the average temperature this year?
- 3) A city in Alaska had a temperature of  $69^{\circ}\text{F}$  during the day, but at night the temperature dropped to  $40^{\circ}\text{F}$ . How much colder was it at night?
- 4) An industrial machine is  $202^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down to  $151^{\circ}\text{F}$ . How much does the machine cool down?
- 5) Sarah made herself a cup of hot chocolate that was  $78^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $32^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 6) The temperature at 7:00 AM was  $44^{\circ}\text{F}$ . By 11:00 AM it had warmed up  $15^{\circ}$ . What was the temperature at 11:00 AM?
- 7) The temperature inside a store was  $67^{\circ}\text{F}$ , while the temperature outside the store was  $91^{\circ}\text{F}$ . How much colder was it inside the store?
- 8) A scientist had a liquid that was  $90^{\circ}\text{F}$ . If he needed to heat it up another  $19^{\circ}$  for an experiment, what temperature was he trying to make the liquid?
- 9) The instructions to cook a pizza say to set the oven at  $349^{\circ}\text{F}$ . If Carol set her oven  $14^{\circ}$  warmer than the instructions said, what temperature did she set her oven?
- 10) When Jerry went to the beach in the afternoon it was  $70^{\circ}\text{F}$ . When he came back later that night it was  $20^{\circ}$  colder. What temperature was it at night?

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- 7) The temperature inside a store was  $67^{\circ}\text{F}$ , while the temperature outside the store was  $91^{\circ}\text{F}$ . How much colder was it inside the store?
- 8) A scientist had a liquid that was  $90^{\circ}\text{F}$ . If he needed to heat it up another  $19^{\circ}$  for an experiment, what temperature was he trying to make the liquid?
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- 10) When Jerry went to the beach in the afternoon it was  $70^{\circ}\text{F}$ . When he came back later that night it was  $20^{\circ}$  colder. What temperature was it at night?

**Answers**

1. 102°
2. 114°
3. 29°
4. 51°
5. 110°
6. 59°
7. 24°
8. 109°
9. 363°
10. 50°

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

- 1) The average temperature for January was  $50^{\circ}\text{F}$ . The average temperature for February was  $66^{\circ}\text{F}$ . How much warmer was February than January?
- 2) Sarah heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $60^{\circ}\text{F}$ . If the microwave heated it up  $46^{\circ}$ , what temperature was it when she took it out?
- 3) A city in Alaska had a temperature of  $74^{\circ}\text{F}$  during the day, but at night the temperature dropped  $22^{\circ}$ . What temperature was it at night?
- 4) Faye measured the temperature of her soda and found that it was  $46^{\circ}\text{F}$ . After sitting out for an hour it had warmed  $27^{\circ}$ . What temperature was the soda after an hour?
- 5) The temperature at 7:00 PM was  $83^{\circ}\text{F}$ . By 11:00 PM it had cooled down  $10^{\circ}$ . What was the temperature at 11:00 PM?
- 6) An industrial machine is  $152^{\circ}\text{F}$  when it is not being used and  $47^{\circ}$  hotter when it is being used. What temperature is the machine when it's being used?
- 7) Katie heated up a slice of pizza in the microwave. When she got the pizza out it was  $132^{\circ}\text{F}$ . If the microwave heated it up  $32^{\circ}$ , what temperature was it when she originally put the pizza in?
- 8) When Rachel went to the park at 2:30 PM it was  $101^{\circ}\text{F}$ . By the time she left it had gotten  $13^{\circ}$  cooler. What temperature was it when she left the park?
- 9) The instructions to cook a pizza say to set the oven at  $329^{\circ}\text{F}$ . If Janet set her oven  $12^{\circ}$  warmer than the instructions said, what temperature did she set her oven?
- 10) The temperature inside a truck was  $96^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $122^{\circ}\text{F}$ . How much did the truck warm up?

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- 7) Katie heated up a slice of pizza in the microwave. When she got the pizza out it was  $132^{\circ}\text{F}$ . If the microwave heated it up  $32^{\circ}$ , what temperature was it when she originally put the pizza in?
- 8) When Rachel went to the park at 2:30 PM it was  $101^{\circ}\text{F}$ . By the time she left it had gotten  $13^{\circ}$  cooler. What temperature was it when she left the park?
- 9) The instructions to cook a pizza say to set the oven at  $329^{\circ}\text{F}$ . If Janet set her oven  $12^{\circ}$  warmer than the instructions said, what temperature did she set her oven?
- 10) The temperature inside a truck was  $96^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $122^{\circ}\text{F}$ . How much did the truck warm up?

**Answers**

1. 16°
2. 106°
3. 52°
4. 73°
5. 73°
6. 199°
7. 100°
8. 88°
9. 341°
10. 26°

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

- 1) When Billy went to the beach in the morning it was  $85^{\circ}\text{F}$ . When he came back later in the afternoon it was  $100^{\circ}\text{F}$ . What is the difference in temperature between the morning and afternoon?
- 2) The temperature at 7:00 AM was  $44^{\circ}\text{F}$ . By 11:00 AM it had warmed up  $14^{\circ}$ . What was the temperature at 11:00 AM?
- 3) Amy poured a glass of tea that was  $99^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped  $27^{\circ}$ . What temperature was the tea after she added the ice?
- 4) The temperature inside a store was  $70^{\circ}\text{F}$ . If the temperature outside the store was  $19^{\circ}$  warmer, what temperature was it outside?
- 5) The temperature inside a store was  $70^{\circ}\text{F}$ , while the temperature outside the store was  $93^{\circ}\text{F}$ . How much colder was it inside the store?
- 6) An industrial machine is  $178^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down  $48^{\circ}$ . What temperature is the machine after it cools down?
- 7) In March, the average temperature in Oklahoma was  $78^{\circ}\text{F}$ , while the average temperature in Texas was  $18^{\circ}$  warmer. What was the average temperature in Texas?
- 8) Vanessa measured the temperature of her soda and found that it was  $75^{\circ}\text{F}$ . After putting it in her freezer for an hour it cooled off  $24^{\circ}$ . What temperature was the soda after an hour?
- 9) Janet set the thermostat in her house to  $76^{\circ}\text{F}$ , which was  $14^{\circ}$  cooler than the temperature outside. What temperature was it outside?
- 10) When Faye went to the park at 2:30 PM it was  $50^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $62^{\circ}\text{F}$ . How much did the temperature change?

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- 2) The temperature at 7:00 AM was  $44^{\circ}\text{F}$ . By 11:00 AM it had warmed up  $14^{\circ}$ . What was the temperature at 11:00 AM?
- 3) Amy poured a glass of tea that was  $99^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped  $27^{\circ}$ . What temperature was the tea after she added the ice?
- 4) The temperature inside a store was  $70^{\circ}\text{F}$ . If the temperature outside the store was  $19^{\circ}$  warmer, what temperature was it outside?
- 5) The temperature inside a store was  $70^{\circ}\text{F}$ , while the temperature outside the store was  $93^{\circ}\text{F}$ . How much colder was it inside the store?
- 6) An industrial machine is  $178^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down  $48^{\circ}$ . What temperature is the machine after it cools down?
- 7) In March, the average temperature in Oklahoma was  $78^{\circ}\text{F}$ , while the average temperature in Texas was  $18^{\circ}$  warmer. What was the average temperature in Texas?
- 8) Vanessa measured the temperature of her soda and found that it was  $75^{\circ}\text{F}$ . After putting it in her freezer for an hour it cooled off  $24^{\circ}$ . What temperature was the soda after an hour?
- 9) Janet set the thermostat in her house to  $76^{\circ}\text{F}$ , which was  $14^{\circ}$  cooler than the temperature outside. What temperature was it outside?
- 10) When Faye went to the park at 2:30 PM it was  $50^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $62^{\circ}\text{F}$ . How much did the temperature change?

**Answers**

1. 15°
2. 58°
3. 72°
4. 89°
5. 23°
6. 130°
7. 96°
8. 51°
9. 90°
10. 12°

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

- 1) When Paige went to the park at 2:30 it was  $80^{\circ}\text{F}$ . By the time she left it had gotten  $15^{\circ}$  warmer. What temperature was it when she left the park?
- 2) The temperature inside a freezer was  $6^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $25^{\circ}$ . What temperature was it after the door was left open?
- 3) Gwen measured the temperature of her soda and found that it was  $63^{\circ}\text{F}$ . After putting it in her freezer for an hour it cooled off  $17^{\circ}$ . What temperature was the soda after an hour?
- 4) A scientist had a liquid that was  $74^{\circ}\text{F}$ . If he needed it to be  $84^{\circ}\text{F}$  for an experiment, how much would he need to heat it up?
- 5) A city in Alaska had a temperature of  $85^{\circ}\text{F}$  during the day, but at night the temperature dropped to  $59^{\circ}\text{F}$ . How much colder was it at night?
- 6) A scientist had a liquid that was  $77^{\circ}\text{F}$ . If he needed to cool it down another  $10^{\circ}$  for an experiment, what temperature was he trying to make the liquid?
- 7) The temperature inside a store was  $74^{\circ}\text{F}$ , while the temperature outside the store was  $94^{\circ}\text{F}$ . How much colder was it inside the store?
- 8) A weather station predicted the temperature on Saturday would be  $93^{\circ}\text{F}$ . If the actual temperature was  $10^{\circ}$  colder than their prediction, what temperature was it?
- 9) A desert in Africa had an average temperature last year of  $105^{\circ}\text{F}$ . If the average temperature this year was  $16^{\circ}$  warmer, what is the average temperature this year?
- 10) The average temperature for January was  $35^{\circ}\text{F}$ . The average temperature for February was  $19^{\circ}$  warmer. What was the average temperature for February?

1. \_\_\_\_\_
2. \_\_\_\_\_
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6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**Solve each problem.**

- 1) When Paige went to the park at 2:30 it was  $80^{\circ}\text{F}$ . By the time she left it had gotten  $15^{\circ}$  warmer. What temperature was it when she left the park?
- 2) The temperature inside a freezer was  $6^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $25^{\circ}$ . What temperature was it after the door was left open?
- 3) Gwen measured the temperature of her soda and found that it was  $63^{\circ}\text{F}$ . 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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- 7) The temperature inside a store was  $74^{\circ}\text{F}$ , while the temperature outside the store was  $94^{\circ}\text{F}$ . How much colder was it inside the store?
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- 10) The average temperature for January was  $35^{\circ}\text{F}$ . The average temperature for February was  $19^{\circ}$  warmer. What was the average temperature for February?

**Answers**

1. 95°
2. 31°
3. 46°
4. 10°
5. 26°
6. 67°
7. 20°
8. 83°
9. 121°
10. 54°



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

- 1) When Kaleb went to the beach in the afternoon it was  $77^{\circ}\text{F}$ . When he came back later that night it was  $12^{\circ}$  colder. What temperature was it at night?
- 2) The instructions to cook a turkey say to set the oven at  $336^{\circ}\text{F}$ . If Lana set her oven  $10^{\circ}$  cooler than the instructions said, what temperature did she set her oven?
- 3) Maria heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $66^{\circ}\text{F}$ . If the microwave heated it up  $46^{\circ}$ , what temperature was it when she took it out?
- 4) In July, the average temperature in Miami, FL was  $99^{\circ}\text{F}$ , while the average temperature in Orlando, FL was  $93^{\circ}\text{F}$ . How much less was the temperature in Orlando?
- 5) The average temperature for January was  $57^{\circ}\text{F}$ . The average temperature for February was  $12^{\circ}$  warmer. What was the average temperature for February?
- 6) The instructions to cook a pizza say to set the oven at  $326^{\circ}\text{F}$ . If Isabel set her oven at  $338^{\circ}\text{F}$ , how much warmer was her oven than the instructions said?
- 7) When Haley went to the park at 2:30 PM it was  $79^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $99^{\circ}\text{F}$ . How much did the temperature change?
- 8) The temperature inside a truck was  $93^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $120^{\circ}\text{F}$ . How much did the truck warm up?
- 9) On Sunday it was  $82^{\circ}\text{F}$ . On Monday it was  $17^{\circ}$  colder. What temperature was it on Monday?
- 10) Rachel made herself a cup of hot chocolate that was  $77^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $23^{\circ}$ . What temperature was the hot chocolate after she heated it?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**Solve each problem.**

- 1) When Kaleb went to the beach in the afternoon it was  $77^{\circ}\text{F}$ . When he came back later that night it was  $12^{\circ}$  colder. What temperature was it at night?
- 2) The instructions to cook a turkey say to set the oven at  $336^{\circ}\text{F}$ . If Lana set her oven  $10^{\circ}$  cooler than the instructions said, what temperature did she set her oven?
- 3) Maria heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $66^{\circ}\text{F}$ . If the microwave heated it up  $46^{\circ}$ , what temperature was it when she took it out?
- 4) In July, the average temperature in Miami, FL was  $99^{\circ}\text{F}$ , while the average temperature in Orlando, FL was  $93^{\circ}\text{F}$ . How much less was the temperature in Orlando?
- 5) The average temperature for January was  $57^{\circ}\text{F}$ . The average temperature for February was  $12^{\circ}$  warmer. What was the average temperature for February?
- 6) The instructions to cook a pizza say to set the oven at  $326^{\circ}\text{F}$ . If Isabel set her oven at  $338^{\circ}\text{F}$ , how much warmer was her oven than the instructions said?
- 7) When Haley went to the park at 2:30 PM it was  $79^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $99^{\circ}\text{F}$ . How much did the temperature change?
- 8) The temperature inside a truck was  $93^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $120^{\circ}\text{F}$ . How much did the truck warm up?
- 9) On Sunday it was  $82^{\circ}\text{F}$ . On Monday it was  $17^{\circ}$  colder. What temperature was it on Monday?
- 10) Rachel made herself a cup of hot chocolate that was  $77^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $23^{\circ}$ . What temperature was the hot chocolate after she heated it?

**Answers**

1. 65°
2. 326°
3. 112°
4. 6°
5. 69°
6. 12°
7. 20°
8. 27°
9. 65°
10. 100°

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

- 1) Debby poured a glass of tea that was  $100^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped to  $74^{\circ}\text{F}$ . How much did the ice cool down her tea?
- 2) When Paige went to the park at 2:30 PM it was  $86^{\circ}\text{F}$ . By the time she left it had gotten  $14^{\circ}$  cooler. What temperature was it when she left the park?
- 3) When Vanessa went to the park at 2:30 PM it was  $51^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $66^{\circ}\text{F}$ . How much did the temperature change?
- 4) The instructions to cook a pizza say to set the oven at  $331^{\circ}\text{F}$ . If Robin set her oven  $17^{\circ}$  warmer than the instructions said, what temperature did she set her oven?
- 5) A news station reported that the current temperature was  $110^{\circ}\text{F}$ , but when the cold front came in later, the temperature would drop down to  $73^{\circ}\text{F}$ . How much will the cold front reduce the temperature?
- 6) A rainforest in South America had an average temperature last year of  $121^{\circ}\text{F}$ . If the average temperature this year was  $20^{\circ}$  cooler, what is the average temperature this year?
- 7) The temperature inside a store was  $108^{\circ}\text{F}$ . If the temperature outside the store was  $28^{\circ}$  colder, what temperature was it outside?
- 8) The temperature inside a car was  $126^{\circ}\text{F}$ . After turning on the air conditioner the temperature dropped  $26^{\circ}$ . What temperature was it after the air conditioner was turned on?
- 9) The temperature inside a truck was  $88^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $110^{\circ}\text{F}$ . How much did the truck warm up?
- 10) The average temperature for January was  $39^{\circ}\text{F}$ . The average temperature for February was  $20^{\circ}$  warmer. What was the average temperature for February?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
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5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**Solve each problem.**

- 1) Debby poured a glass of tea that was  $100^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped to  $74^{\circ}\text{F}$ . How much did the ice cool down her tea?
- 2) When Paige went to the park at 2:30 PM it was  $86^{\circ}\text{F}$ . By the time she left it had gotten  $14^{\circ}$  cooler. What temperature was it when she left the park?
- 3) When Vanessa went to the park at 2:30 PM it was  $51^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $66^{\circ}\text{F}$ . How much did the temperature change?
- 4) The instructions to cook a pizza say to set the oven at  $331^{\circ}\text{F}$ . If Robin set her oven  $17^{\circ}$  warmer than the instructions said, what temperature did she set her oven?
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- 10) The average temperature for January was  $39^{\circ}\text{F}$ . The average temperature for February was  $20^{\circ}$  warmer. What was the average temperature for February?

**Answers**

1.  $26^{\circ}$
2.  $72^{\circ}$
3.  $15^{\circ}$
4.  $348^{\circ}$
5.  $37^{\circ}$
6.  $101^{\circ}$
7.  $80^{\circ}$
8.  $100^{\circ}$
9.  $22^{\circ}$
10.  $59^{\circ}$