



Finding Temperature Changes

Name: _____

Solve each problem.

- 1) The temperature at 7:00 PM was 91°F . By 11:00 PM it had cooled down 14° . What was the temperature at 11:00 PM?

- 2) When Robin went to the park at 2:30 PM it was 65°F . By the time she left at 5:30 PM it was 83° F . How much did the temperature change?

- 3) The temperature inside a truck was 92°F . After sitting in the sun for an hour the temperature rose to 120° F . How much did the truck warm up?

- 4) A news station reported that the current temperature was 103°F , but when the cold front came in later the temperature would drop 43° . What temperature will it be after the cold front hits?

- 5) The temperature inside a store was 65°F . If the temperature outside the store was 17° warmer, what temperature was it outside?

- 6) In March, the average temperature in Oklahoma was 57°F , while the average temperature in Texas was 16° warmer. What was the average temperature in Texas?

- 7) An industrial machine is 221°F when it's being used. After being unused for an hour the machine cools down to 162°F . How much does the machine cool down?

- 8) Frank read in his science book about a planet that was 225°F during the day but at night the temperature dropped 75° . What temperature was the planet at night?

- 9) A scientist had a liquid that was 90°F . If he needed to cool it down another 12° for an experiment, what temperature was he trying to make the liquid?

- 10) The average temperature for January was 58°F . The average temperature for February was 11° warmer. What was the average temperature for February?

Answers

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



Solve each problem.

- 1) The temperature at 7:00 PM was 91°F. By 11:00 PM it had cooled down 14°. What was the temperature at 11:00 PM?
- 2) When Robin went to the park at 2:30 PM it was 65°F. By the time she left at 5:30 PM it was 83° F. How much did the temperature change?
- 3) The temperature inside a truck was 92°F. After sitting in the sun for an hour the temperature rose to 120° F. How much did the truck warm up?
- 4) A news station reported that the current temperature was 103°F, but when the cold front came in later the temperature would drop 43°. What temperature will it be after the cold front hits?
- 5) The temperature inside a store was 65°F. If the temperature outside the store was 17° warmer, what temperature was it outside?
- 6) In March, the average temperature in Oklahoma was 57°F, while the average temperature in Texas was 16° warmer. What was the average temperature in Texas?
- 7) An industrial machine is 221°F when it's being used. After being unused for an hour the machine cools down to 162°F. How much does the machine cool down?
- 8) Frank read in his science book about a planet that was 225°F during the day but at night the temperature dropped 75°. What temperature was the planet at night?
- 9) A scientist had a liquid that was 90°F. If he needed to cool it down another 12° for an experiment, what temperature was he trying to make the liquid?
- 10) The average temperature for January was 58°F. The average temperature for February was 11° warmer. What was the average temperature for February?

Answers

1. **77°**
2. **18°**
3. **28°**
4. **60°**
5. **82°**
6. **73°**
7. **59°**
8. **150°**
9. **78°**
10. **69°**



Finding Temperature Changes

Name: _____

Solve each problem.

28°

77°

59°

150°

78°

69°

18°

60°

73°

82°

Answers

- 1) The temperature at 7:00 PM was 91°F. By 11:00 PM it had cooled down 14°. What was the temperature at 11:00 PM?
- 2) When Robin went to the park at 2:30 PM it was 65°F. By the time she left at 5:30 PM it was 83° F. How much did the temperature change?
- 3) The temperature inside a truck was 92°F. After sitting in the sun for an hour the temperature rose to 120° F. How much did the truck warm up?
- 4) A news station reported that the current temperature was 103°F, but when the cold front came in later the temperature would drop 43°. What temperature will it be after the cold front hits?
- 5) The temperature inside a store was 65°F. If the temperature outside the store was 17° warmer, what temperature was it outside?
- 6) In March, the average temperature in Oklahoma was 57°F, while the average temperature in Texas was 16° warmer. What was the average temperature in Texas?
- 7) An industrial machine is 221°F when it's being used. After being unused for an hour the machine cools down to 162°F. How much does the machine cool down?
- 8) Frank read in his science book about a planet that was 225°F during the day but at night the temperature dropped 75°. What temperature was the planet at night?
- 9) A scientist had a liquid that was 90°F. If he needed to cool it down another 12° for an experiment, what temperature was he trying to make the liquid?
- 10) The average temperature for January was 58°F. The average temperature for February was 11° warmer. What was the average temperature for February?

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