

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

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

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10. \_\_\_\_\_

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1.  $77^{\circ}$
2.  $18^{\circ}$
3.  $28^{\circ}$
4.  $60^{\circ}$
5.  $82^{\circ}$
6.  $73^{\circ}$
7.  $59^{\circ}$
8.  $150^{\circ}$
9.  $78^{\circ}$
10.  $69^{\circ}$



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?

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