



Integer Word Problems (Test)

1. At 3 p.m., the temperature was 9 degrees F. By 11 p.m., it dropped 31 degrees F. What was the temperature at 11 p.m.?
2. A submarine submerged at a depth of -40 feet dives 57 feet more. What is the new depth of the submarine?
3. Jane gained 25 points in the first round of a game. In the second round she lost 40 points and on the third round she gained 10 points. Write and evaluate an expression to find how many points Jane gained or lost.
4. Tina wrote a check for \$35 on Monday. On Tuesday she made a withdrawal of \$60 and on Wednesday she deposited \$75. What is the change in Tina's account after the three days?
5. A stock gained 2 points on Monday, lost 5 points on Tuesday, lost 1 point on Wednesday, gained 4 points on Thursday, and lost 6 points on Friday. How much was the gain or loss?

6. Monday's high temperature was 6 degrees C. The low temperature was -3 degrees C. What was the difference between the high and low temperature?

7. The temperature changed from 5 degrees C at 6 p.m. to -2 degree C at midnight. How much did the temperature decrease?

8. A diver's elevation is -5 feet relative to sea level. A school of fish is swimming at an elevation of -12 feet. What is the difference between the diver and the school of fish?

9. The temperature in Montreal was -15 degrees C. In New York the temperature was 11 degrees C. How many degrees warmer was the temperature in New York?

10. You play a game where you score -6 points on the first turn and on each of the next three turns. What is your score after those four turns?

11. The outdoor temperature declines 3 degrees each hour for 5 hours. What is the change in temperature at the end of those 5 hours?

12. A football team loses 4 yards on each of five plays. What is the team's total loss?

13. A submarine is at -125 feet in the ocean. The submarine makes three dives at 50 feet each. At what level is the submarine after the three dives?
14. Mrs. Atkins makes 3 withdrawals of \$25. What is the change in her account?
15. Four investors lost 24 percent of their combined investment in a company. In average, how much did each investor lose?
16. The temperature in a potter's kiln dropped 760 degrees in 4 hours. On average, how much did the temperature drop per hour?