

Name _____

Integer Word Problems

- 1) On a winter morning, the temperature before sunrise was -10°F . The temperature then rose 15 degrees by 1 pm. What was the actual temperature at 1 pm?

- 2) The temperature on one particular day was -7 degrees. It then rose to 8 degrees by the end of the day. How much did the temperature change over the course of the day?

- 3) The football team gained 10 yards on a play, but then lost 18 yards. What was their total change in position?

- 4) Kendall jumped from a cliff into a steep lake. The cliff was 20 feet high. When she jumped into the lake, she jumped to a depth of 12 feet below the surface of the water. What was the total distance Kendall jumped?

- 5) Lionel was hiking 700 feet above sea level. K.C. was 850 feet below him. What was K.C.'s elevation?

- 6) A seagull is gliding 50 feet above the surfaces of the water. It then dives 70 feet to catch a fish. How many feet below the surface of the water does the seagull dive?

- 7) Joseph is scuba diving in the sea and is 92 feet below sea level. Mount Kinka is 1,339 feet above sea level. How far apart are Joseph and the top of Mount Kinka?
- 8) A submarine was situated 800 feet below sea level. If it ascends 250 feet, and then descends 300 feet, what is its new position?
- 9) The stock price for BB Plastics started at 33 points on May 1. The stock fell all month, dropping a total of 19 points. In June the stock gained 24 points. What was the net (total) gain or loss for BB Plastics during this entire period?
- 10) The outside temperature in a town is -20 degrees Fahrenheit. What change in temperature, in degrees Fahrenheit, would bring the outside temperature to 0 degrees Fahrenheit?
- a) -21
 - b) -20
 - c) 0
 - d) 20