

Name _____

Integer Word problems

1) The temperature was 20 degrees. During the night it dropped 35 degrees. What was the new temperature?

2) In 2015, Jim gained 18 pounds but then lost 25 pounds. What was his overall change in weight?

3) In early November Lotso Toy Co stock fell 15 points. It gained 8 points back by the end of the month. Write an equation that shows the overall change in the value of the stock.

4) In 2015, Joe gained 28 pounds but then lost 32 pounds. What was his overall change in weight? If his start weight was 208 pounds, then what was his final weight?

5) Kerry has a bank account. Last week she deducted \$60. Two days later, she made a deposit of \$85. She then received \$2 interest. What is the change in her bank account?

6) Evan went on a hike. He started in a Valley that was 30 yards below sea level. He then hiked 500 yards up the hill. At what elevation is he when he finishes hiking?

7) Janet was 50 feet below sea level scuba diving. She then surfaced and hiked to an elevation of 450 feet high. What is her change in elevation?

8) The highest temperature in New York ever recorded was 108 degrees Fahrenheit. The lowest temperature recorded was 15 degrees below zero. What is the difference between these two temperatures?

9) On Monday a certain stock rose 20 points. On Tuesday it dropped 15 points. On Wednesday it rebounded and rose 40 points. Thursday it rose another 60 points. If the stock started at 2150 points on Monday, what did it end at on Friday?

10) On Monday a certain stock rose 15 points. On Tuesday it dropped 30 points. On Wednesday it dropped another 60 points. Thursday it dropped another 55 points. If the stock ended at 3200 points on Friday, what did it start at on Monday?

Opposites

a) The opposite of negative 3 = _____

c) The opposite of $(-(-5))$ = _____

e) The opposite of the opposite of 12 = _____

g) The opposite of negative 8 = _____

b) The opposite of (-5) = _____

d) $(-(-4))$ = _____

f) The opposite of (-9) = _____

h) The opposite of $(-(-12))$ = _____

Write an equation for the following:

a) The opposite of the opposite of -13

b) The opposite of -20