Name:

Computation Monday: April 24, 2017

**Directions: You are allowed to use calculators on this assignment. Use the Percent Increase and Decrease formula, Simple Interest formula (I=prt), the Percent Equation, or the Percent Proportion to solve the problems. Work MUST be shown to receive credit and NO INK!!!**

1. **During a weight loss challenge your friend goes from 125 pounds to 100 pounds. What was the percent weight loss?**
2. Ben earns straight commission as a real-estate agent. Last month his total sales for all the houses he sold were $950,000. If Ben earns a 3% rate of commission, what was his gross income last month?
3. **During a weight loss challenge your friend goes from 125 pounds to 100 pounds. What was the percent weight loss?**
4. **Julie sells jewelry at house parties as a way to make extra money. Her commission is 11% of the sales she makes. She had 3 parties this month. The sales for the 3 parties were $810, $670, and $925. What was her commission for the month?**
5. Growing up, you lived in a small town. When you left for college, the population was 840. You recently heard that the population has grown by 15%. What is the population now?
6. Janelle bought a pair of sneakers for $75.65. There was a 15% discount. What was the original price of the sneakers?
7. The price Mrs. Bittner paid for a table was $84. This included a 40% discount. What was the price of the table before the discount?
8. Mr. Martin paid $15.98 for a star fish. This amount includes a tax of 6.5%. What was the price of the star fish before tax?
9. $2500 was invested for 3 years and earned $450 in interest. Find the rate of interest.
10. After 6 years, an account that earns 4% simple interest has earned $480 in interest. How much was the initial deposit?