Weekly Review # 5

Name:_____

Block:_____

1. Mr. Cosma has $30 to go buy coffee from his favorite coffee shop in Salem. If the coffee shop sells bags of coffee for $7.95 each, how many bags can Mr. Cosma buy?

2. Order the following numbers from least to greatest.

$$\frac{4}{3}, \ \frac{3}{4}, \ \frac{1}{2}, \ \frac{41}{1}$$

3. NASA has just found signs of water on Mars! Imagine NASA plans to invest ⅓ of their money into a mission to Mars, and ⅓ of that money will be used for new computers and software. What fraction of NASA's money will go to the computers and software?

4. Mr. Cosma and Mrs. Swisher are having a competition to see who can get more boxes of tissues for their classrooms. Mrs. Swisher received 120 boxes of tissues, but Mr. Cosma only received ⅕ of that amount. How many boxes of tissues did Mr. Cosma receive?

5. A decagon has a perimeter of of 1,115 inches. If all of the sides are equal, how long is each side?

6.   14.4 x 1.28

7. The Sales tax in Boulder, Colorado is 9%...if you bought something for $500 in Boulder, how much would you pay AFTER TAX?

    A. $45
    B. $450
    C. $545
    D. $595

8. Which of the following shows 27.5% as a decimal?
    A. 27.5
    B. 2.75
    C. 0.275
    D. 0.0275

9. If Usain Bolt can run 100 meters in 9.58 seconds. If he could keep this same pace, how long would it take him to run 1,000 meters?

10. Solve:

$$\frac{5}{7} - \frac{1}{8}$$