**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Homework Lesson #1: Ratio Language**

**Directions: Write each ratios in THREE ways – be sure they are in SIMPLEST form!**

1. At the th grade school dance, there are boys, 160 girls, and adults.
   1. Write the ratio of number of boys to number of girls.

* 1. Write the ratio of number of boys to number of adults.

1. Jared owns 8 pairs of Jordan’s and 6 pairs of Adidas. What is the ratio that represents the pairs of Adidas to Jordan’s that Jared has?
2. Mrs. Smith likes to craft throughout the week on her free time. She spends 10 hours knitting, 25 hours painting, and 15 hours sewing. What is the ratio of the number of hours she spends painting to the total time she crafts?

**Review Prior Knowledge – SHOW ALL WORK.**

1. What is the standard form of the number three thousand sixteen and eight hundredths?
2. 3,016.8 b) 3,016.08 c) 316.8 d) 316.08
3. Professor Kent weighed two pieces of metal for an experiment. The piece of iron weighed 3/4 of a pound and the piece of aluminum weighed 1/4 of a pound. How much more did the piece of iron weigh than the piece of aluminum?
4. Richard has 20 cans of regular soda and 8 cans of diet soda. He wants to create some identical refreshment tables that will operate during the football game. He also doesn't want to have any sodas left over. **What is the greatest number of refreshment tables that Richard can stock? How many cans of each type will be included at each refreshment table?**