Quiz 1   **Name:** _____
May 20, 2010

Directions: Show all work for full credit. Clearly indicate all answers. Simplify all mathematical expressions completely.

1. Plot the numbers 3, 5/2, -7/2, and -5.2 on the real number line. (10 points)

2. Evaluate the following expressions: (10 points each)

    a. $\dfrac{6+8(3)}{7-12}$

    b. $5^2-2[9-(18-8)]$

3. Identify the property of real numbers illustrated by each of the following statements. (5 points each)

    a. $10(2x)=(10 \cdot 2)x$

    b. $3(2+x)=3 \cdot 2+3x$

4. What additional math classes do you need to take? For example, Math 1030 (Introduction to Quantitative Reasoning), Math 1050 (College Algebra), Math 1070 (Introduction to Statistical Inference), Math 1090 (Business Algebra), etc.