Math 002 P1   Name:
Quiz # 1

September 2, 2014   No electronic devices or interpersonal communication allowed. Show work to get credit.

(1) What property of real numbers is demonstrated by the equality $2(\pi x) = (2\pi)x$?

(2) Find the prime factorization of 78.

(3) Find the least common multiple of 10, 12, and 22. (You may leave your answer as a product.)

(4) Simplify (write as one fraction in least terms) $\dfrac{1}{15} + \dfrac{6}{35}$.

(5) Simplify (write as one fraction in least terms) $\dfrac{3}{8} \div \dfrac{6}{5}$.