Name _____

Score: $\dfrac{}{5}$

Gillespie

Course 3: Learning Check Ch1a

Rational Numbers

Directions: When working each of the following questions, be sure to show all work.

1) Express $3\dfrac{5}{6}$ as a decimal

   a) $.356$

   b) 3.56

   c) $3.8\overline{3}$

   d) 3.9

2) Express -5.15 as a fraction or mixed number in simplest form

   a) $-5\dfrac{1}{15}$

   b) $-5\dfrac{1}{155}$

   c) $-5\dfrac{15}{100}$

   d) $-5\dfrac{3}{20}$

Name _____ $Score: \dfrac{}{5}$

3) Express $.125$ as a fraction or mixed number in simplest form

a) $\dfrac{1}{8}$

b) $\dfrac{1.25}{10}$

c) $\dfrac{125}{100}$

d) $\dfrac{125}{1000}$

4) Express 2.6 as a fraction or mixed number in simplest form

a) $2\dfrac{2}{6}$

b) $2\dfrac{1}{5}$

c) $2\dfrac{2}{3}$

d) $2\dfrac{3}{5}$

5) Simplify $(b) * (b) * (b) * (b) * (b) * (b) * (b) * (c) * (c)$

a) $b^7 * c^2$

b) $7b * 2c$

c) $2c * 7b$

d) 7^2