

**Math 002 P1****Name:****Quiz # 4**

October 5, 2014 No electronic devices or interpersonal communication allowed. Show work to get credit.

Simplify the following. Do not leave negative exponents in your answers.

1.  $\left(\frac{8x^{-4}}{6x^{-6}}\right)^{-3}$

2.  $\frac{x^{2/3}}{x^{1/5}}$

3.  $(x^{-1/2} - x^{1/2})^2$