

Last Name: _____

First Name: _____

Student ID: _____

Quiz 1 (A)

Question 1. Simplify the following expressions:

(a) (4 marks) $\left(\frac{4x^{-1}y^{-40}}{2^{-2}x^4y^{-10}}\right)^{-2}$

(b) (3 marks) $\left(\frac{6^{1/5} \cdot 6^{3/5}}{6^{-1/5}}\right)$

(c) (3 marks) $-\sqrt[4]{16x^4y^8}$