

Last Name: _____

First Name: _____

Student ID: _____

Quiz 1 (B)

Question 1. Simplify the following expressions:

(a) (4 marks) $\frac{(a^{-2}b^3)^{-4}}{(a^{-3}b^2)^{-2}(ab)^{-4}}$

(b) (3 marks) $\frac{(4x)^{3/2}y^{5/2}}{(xy)^{1/2}}$

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