

Last Name: _____

First Name: _____

Student ID: _____

Quiz 1 (B)

Question 1. Simplify the following expressions:

(a) (4 marks) $\frac{(2xy^{-3})^{-2}}{(3x^{-2}y^4)^{-3}}$

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

(c) (3 marks) $\sqrt[3]{x^{-2}} \cdot \sqrt{4x^5}$