Name: _____
Student ID: _____

Quiz 5

Question 1. *(10 marks)* Simplify the following expressing the answers with positive exponents only:

(a)$(-5a^2b^3)(2a^{-2}b^{-4})$

(b) $\left(\dfrac{4x^{-1}y^{-40}}{2^{-2}x^4y^{-10}} \right)$

(c)$\dfrac{(-2xy^{-3})^{-3}}{(xy^{-1})^{-1}}$