

Last Name: _____

First Name: _____

Student ID: _____

Quiz 7

Question 1. (5 marks) Use logarithms to evaluate:

$$\frac{(7425)^{316}}{\sqrt[3]{22.4}}$$

Question 2. (10 marks) Solve for x :

(a) $4\log_{16}(5-x) = 1$

(b) $\log(2x-1) + \log(x+4) = 1$