Last Name: _____

First Name: _____

Student ID: _____

Quiz 1

Question 1. Factor completely:

(a) *(3 marks)* $x^3 - 3x^2 - 4x + 12$

(b) *(2 marks)* $27x^3 - 125$

Question 2. Solve for x (by factoring):

(a) *(3 marks)* $8x^3 + 25x = 30x^2$

(b) *(2 marks)* $2x^2 = 8x$