Dawson College: **Functions and Trigonometry**: 201-009-50-C2: Fall 2008

Name: _____

Student ID: _____

Quiz 3

This quiz is graded out of 10 marks. No books, calculators, notes or cell phones are allowed. You must show all your work, the correct answer is worth 1 mark the remaining marks are given for the work. If you need more space for your answer use the back of the page.

Question 1. pg.33#8o *(2 marks)* Simplify:

$$\left(\frac{27x^{-3}}{64y^{-3}}\right)^{-\frac{1}{3}}$$

Question 2. pg.44#7i *(4 marks)* Solve the quadratic equation, do not use the quadratic formula:

$$3x^2 - 5x + 2 = 0$$

Question 3. pg.54#6a *(4 marks)* Find a quadratic equation with the given solutions:

$$\pm\sqrt{5}$$