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.32#5q *(4 marks)* Simplify:

$$2\sqrt{125} - 4\sqrt{45} - 6\sqrt{20}$$

Question 2. pg.39#14 *(3 marks)* Find two consecutive integers such that 3 times the smaller one is 15 more than double the larger one:

Question 3. pg.44#2i *(3 marks)* Solve for x:

$$8x^3 + 25x = 30x^2$$