Name: _____

Student ID: _____

Quiz 1

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.3#25 (3 marks)
Simplify the following:

$$\frac{(2xy^{-3})^{-2}}{(3x^{-2}y^4)^{-3}}$$

Question 2. pg.18#4e (3 marks)
Factor the following:

$$4x^2 - 12x + 5$$

Question 3. pg.12#18 (4 marks)
Use long division to divide the following:

$$\frac{2x^3 + x - 18}{x - 2}$$