September 4, 2009

Name: _____

Student ID: _____

Quiz 1

Question 1. *(2 marks)*

Divide and simplify as much as possible:

$$\frac{12p^3q^2 - 4p^4q + 6pq^5}{2p^4q}$$

Question 2. *(3 marks)*

Solve for T_2 in the following formula:

$$R = \frac{A(T_2 - T_1)}{H}$$

Question 3. *(5 marks)* Given $f(x) = 3x^2 - 2x + 4$ evaluate:

$$\frac{f(x+h) - f(x)}{h}$$

Simplify as much as possible.