Name: _____
Student ID: _____

Quiz 5

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.75#57 *(4 marks)* Find $\frac{f(x+h)-f(x)}{h}$:

$$f(x) = \frac{x}{x+1}$$

Question 2. pg.81#2k *(4 marks)* Use the intercept(s) to graph each linear function:

$$f(x) = \frac{1}{4}(x-4)$$

Question 3. pg.90#8g *(2 marks)* Find k if the line $3x + ky = 5$ is parallel to the line $2x - 7y = 4$.