

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.81#2c (3 marks) Use the intercepts to graph the linear function:

$$f(x) = 3x - 1$$

Question 2. pg.88#2k (4 marks) Find the equation of the line through $(4, -5)$ and $(8, 13)$.

Question 3. pg.75#52 (3 marks) Find $\frac{f(x+h)-f(x)}{h}$ and simplify completely:

$$f(x) = 2x^2 - 5x - 3$$