Name: _____

Student ID: _____

Quiz 4

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.60#3u *(6 marks)* Solve for *x*:

$$\frac{x}{x-1} - \frac{12}{x^2 - x} + \frac{1}{x-1} = 0$$

Question 2. pg.65#20 *(4 marks)* Find the distance, and the midpoint of the line segment, between the points: $(3, -2)$ and $(1, -8)$.