

Name: _____
Student ID: _____

Quiz 9

Question 1. (6 marks) Solve for x:

$$\frac{x}{x^2 - 3x + 2} - \frac{5}{x^2 - 4x + 3} - \frac{x - 4}{x^2 - 5x + 6} = 0$$

Question 2. (4 marks) Double a number minus 10 times its reciprocal is $\frac{8}{3}$. Find the number.