

Name:

[1 pt]

Problem 1. Evaluate the limit

$$\lim_{x \rightarrow 1} \frac{x^2 - 1}{x^2 - 3x + 2} .$$

[5 pts]

Problem 2. Use the four step process to find derivative of $f(x) = \frac{1}{x}$.

[5 pts]