

## Math 212: Quiz 2

Name: \_\_\_\_\_

1) Use limits to find all vertical and horizontal asymptotes of the function.

$$f(x) = \frac{x^2 - 3x + 2}{x^2 - 4x + 3}$$

2) Use limits to find all vertical and horizontal asymptotes of the function.

$$f(x) = \frac{\sqrt{x^2 + x + 1}}{2x}$$