Quiz 2: Friday, January 18, 2008

Evaluate the limit algebraically (using limit laws or theorems) if it exists as a finite real number. If it does not exist, explain why not.

1. (5 points) \[ \lim_{x \to 25} \frac{\sqrt{x} - 5}{x - 25} \]

2. (5 points) \[ \lim_{t \to 3^-} \frac{t - 3}{|t - 3|} \]