1. \[ \lim_{\theta \to 0} 4\theta \sec(\theta) \csc(\theta) = \]

2. \[ \lim_{x \to 2^+} \frac{(x + 3)|x + 2|}{x + 2} = \]

3. State the x-values at which the function \[ y = \frac{x - 1}{x^2 + 5x - 6} \] is discontinuous.
1. \( \lim_{\theta \to 0} \frac{\sin(3\theta)}{\theta \cos(2\theta)} = \)

2. \( \lim_{x \to 1^+} \sqrt{2x} \frac{(x - 1)}{|x - 1|} = \)

3. State the x-values at which the function \( y = \frac{x - 1}{x^2 - 4x + 3} \) is discontinuous.

Name: ____________________________ 
I'm in the Thurs11 Thurs12 Thurs1 or Fri10 recitation. (Circle one) 

1. \( \lim_{\theta \to 0} \frac{1}{5\theta \csc(\theta) \cos(\theta)} = \)

2. \( \lim_{x \to 2^-} (x + 3) \frac{|x + 2|}{x + 2} = \)

3. State the x-values at which the function \( y = \frac{x - 1}{x^2 - 5x + 4} \) is discontinuous.