This quiz is worth 10 points and you have 10 minutes to complete it. Show all work and circle your final answers.

Calculators are NOT allowed today.

1. (*5 pts*) Use a δ–ϵ proof to prove that $\lim_{x \to 5}(2x - 3) = 7$. Make sure that you write a clear and logical proof.

2. (*5 pts*) Calculate $\lim_{x \to 1} \dfrac{x - 1}{x^2 - 2x + 1}$. At some point, it may or may not be necessary for you to examine the left and right limits (you have to decide). Show all work clearly, and in order, with good notation.