Take-Home Quiz 2

Due Monday, October 21, 2019

- 1. Use the $\epsilon\text{-}\delta$ definition of limits to prove the following.

 - (a) $\lim_{x \to 1} (x^2 3x) = -2.$ (b) $\lim_{x \to 2} (x^2 4x + 1) = -3.$ (c) $\lim_{x \to 1} (x^3 2x^2 x + 1) = -1$