

-. Due Wed. 9/12.

1. . Give the neighborhood definition of the limit

$$\lim_{x \rightarrow a} f(x) = L.$$

If $L = \infty$, give the form of neighborhoods of L .

2. . Show that $\lim_{x \rightarrow 2} (3 - 2x) = -1$. Make sure you show that the limit satisfies the requirements of the definition.