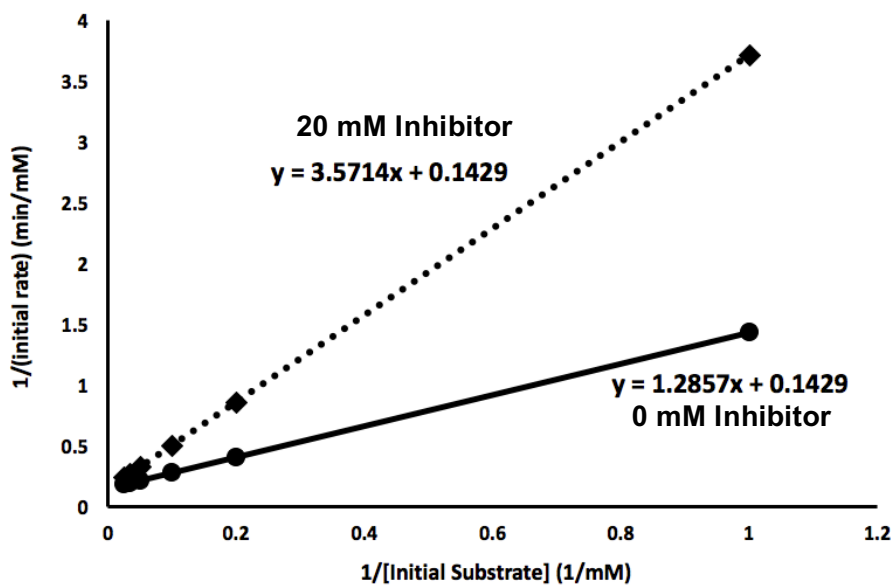


Name: _____

Imagine that you collect the following data presented in a Lineweaver-Burk plot.



1. Determine the value for V_{\max} with units in the absence and presence of inhibitor.
2. If the total enzyme concentration is $2.0 \mu\text{M}$, what is the value of k_2 with units in the absence and presence of inhibitor?
3. Determine the value of K_M with units in the absence and presence of inhibitor.
4. Determine the value of K_i with units.