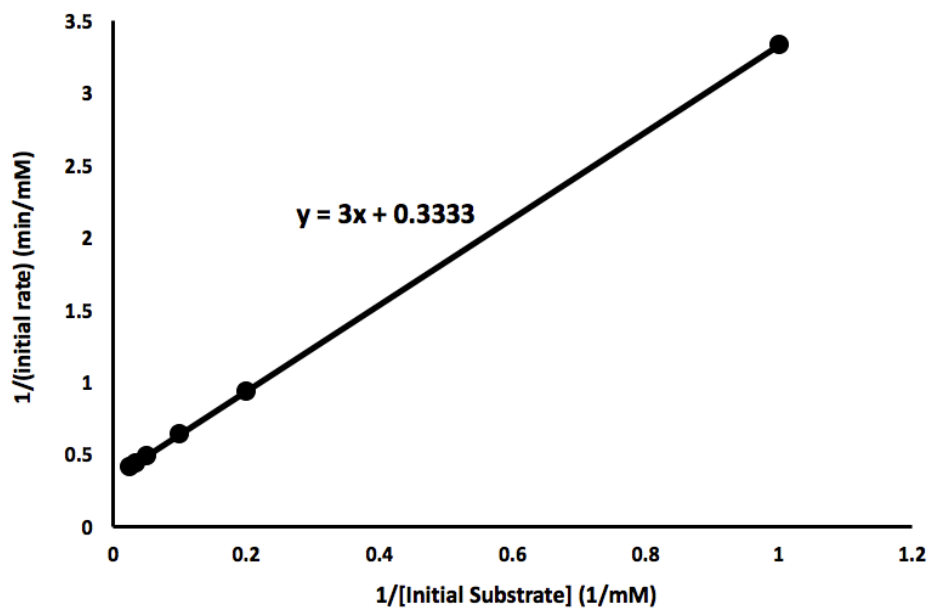


Name: _____

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



1. Determine the value for V_{\max} with units.
2. If the total enzyme concentration is $1.0 \mu\text{M}$, what is the value of k_2 with units?
3. Is k_2 a first-, second-, or third- order rate constant?
4. Determine the value of K_M with units.