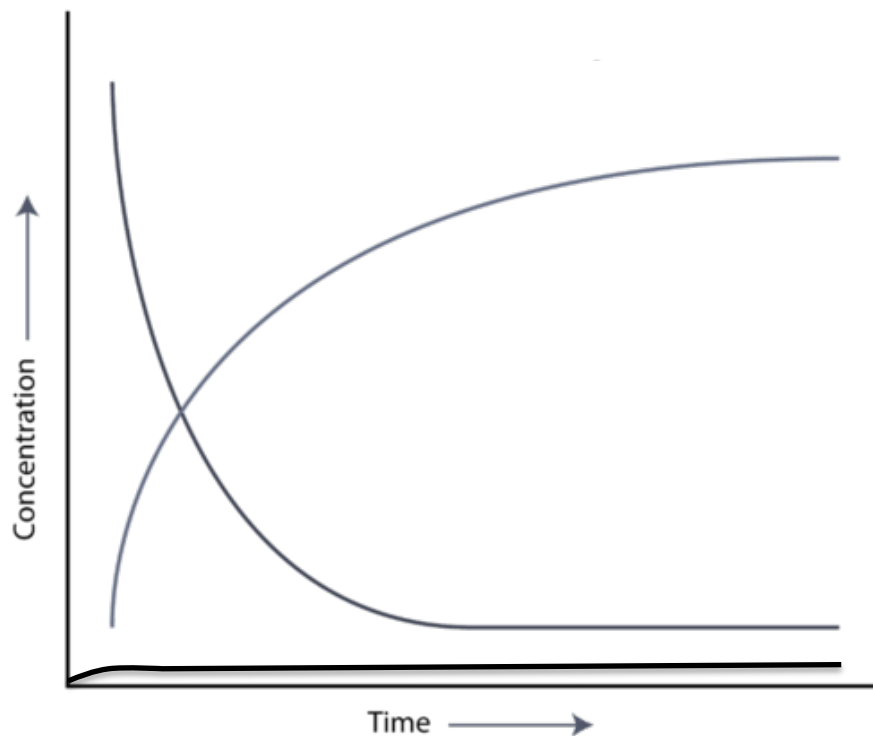
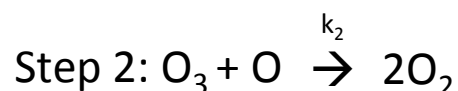
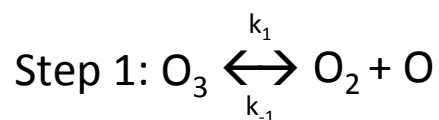


L1B – Kinetics Lecture Preparation



- (a) Label the graph above describing a chemical reaction over time. Which curve represents the products? The reactants? The intermediates?
(b) What do you notice about the slope of the curve of the intermediates?

- Write the rate law for the below reaction assuming that Step 1 is the rate-determining step. Write it assuming that Step 2 is the rate-determining step.



Think: How can we write the rate law if we don't know which step is rate-determining?