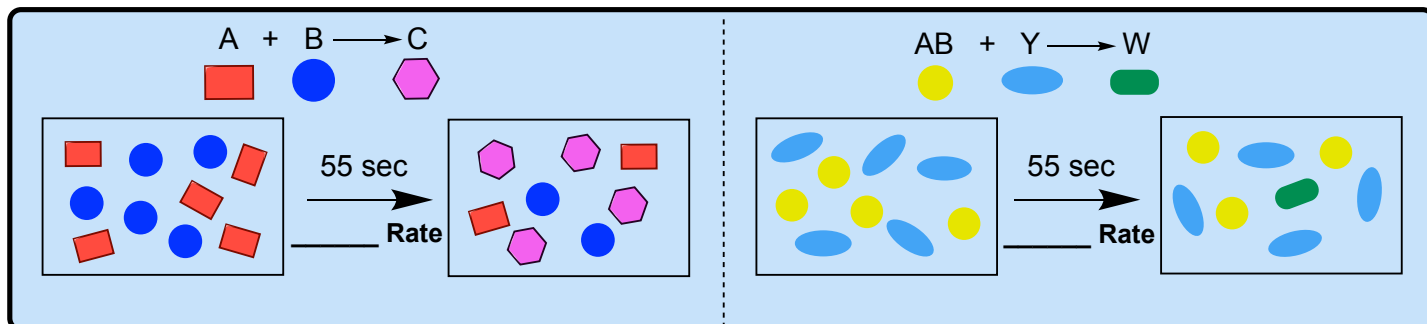


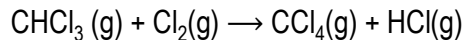
CONCEPT: INTRO TO CHEMICAL KINETICS

- **Chemical Kinetics:** study of *factors* affecting the reaction _____ or _____ of motion of reacting molecules.
 - **Reaction Rate:** measure of speed in changing concentration (____) of reactants or products over time.



- For reactions that come to a _____: almost all reactants are broken down and products are formed
 - Uses a single arrow (\longrightarrow) to signify completion
 - *Note:* reaction rates _____ with time due to reduction in concentrations of reactants

EXAMPLE: Formation of carbon tetrachloride from chloroform is given by the reaction:



Which graph accurately shows the concentration of CCl_4 as a function of time for this reaction?

