Progress

E SG JGCO E J Products Q J P Q Woolo PP Kookk= products time R PP Kookk= reactants Example Li The ron has started but only ranning a very briet amount of time. - The forward ryn rate is near its highest, while the reverse van rate is at its lowest: RS>Rr Mare products needed to form for the reverse rate to increase - Q<1<, so the balance of products and reactants has not been reached, More products needed for Q to increase to K. - The rxn is not at its lowest energy paint, Farming products releases energy.

fon pairs Solvent cage H = O; HIon pairs form when a substance dissociates but the ions are "trapped" tagether by solvent molecules, This can cause the solution to have a behavior that differs from its calculated concentration, Activity- The effective concentration of a substance in a mixture -) directly related to energy In the text, concentrations are directly used,