


EQUILIBRIUM



$A + B \rightarrow C$     Synthesis  $\rightarrow$  one way rxn

$D + E \rightleftharpoons F$     Equilibrium

Can go both ways

Apr 4-9:47 AM

React                      Prod.                      in equilibrium

to reach EQ

to reach EQ

Apr 4-9:50 AM

Diagram illustrating a closed system at equilibrium between liquid and gas phases of water. The flask contains water and steam, with labels for  $H_2O(l)$  and  $H_2O(g)$ . The process is labeled "Vaporize" and "HEAT". The equilibrium is labeled "AT EQ" and "RATE FORWARD RXN = RATE REVERSE RXN". A graph shows "Start" and "eq" points on a curve, with "VAP" and "L" labels. A note says "If P ↑ so much condensation".

Apr 4-9:53 AM

Diagram illustrating a seesaw in equilibrium. On the left is a stick figure labeled "IB" (Iron Ball) and on the right are three smaller figures. The seesaw is balanced on a fulcrum labeled "A". Arrows indicate the direction of movement.

Apr 4-10:01 AM