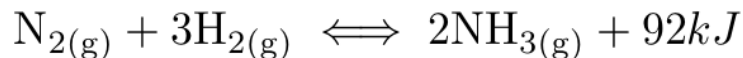


Le Chatelier's Principle

Le Chatelier's Principle states that when a system at equilibrium is changed the system will react to reduce the change.

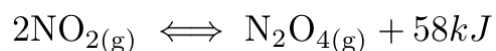


Increasing the concentration of a species causes a shift away from that species.

Decreasing the concentration of a species causes a shift toward that species.

Changing the temperature is like adding or removing the energy term and changes the equilibrium constant.

Changing the volume effects only the gaseous chemicals and only if the products and reactants have different numbers of gaseous species.



(a)



(b)



(c)