Name: _____ Block: _____ Date: _____

KEY

Chemistry 12

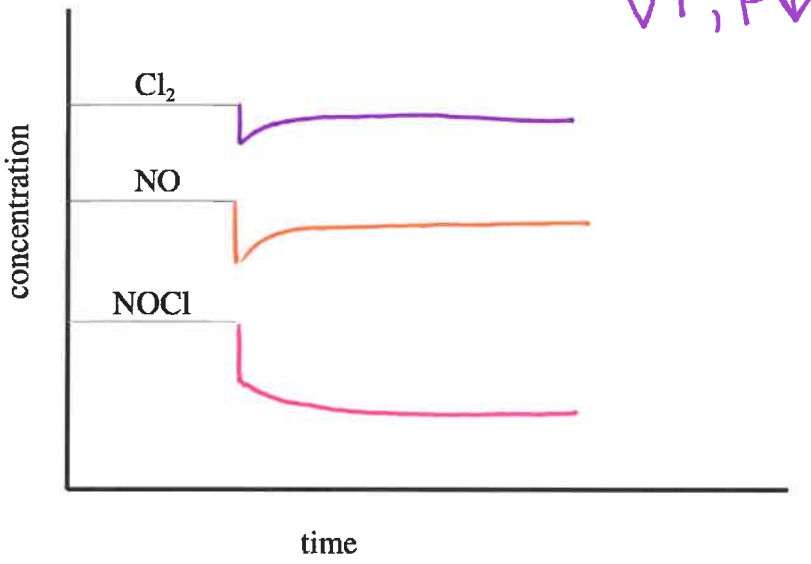
EQUILIBRIUM - GRAPHICALLY REPRESENTED

1. $2NO(g) + Cl_2(g) \rightleftarrows 2NOCl(g) + 76\ kJ$

Show what happens to the concentrations if the **volume** of the closed container is increased.
1 – determine the shift; 2 – determine if the increase/decrease is a smooth curve or sharp increase

sharp!

V↑, P↓, ↓ [ ] of all
shift ←



2. $CO(g) + H_2O(g) \quad CO_2(g) + 41\ kJ$

Show what happens to the concentrations if the **temperature** of the closed container is increased.
1 – determine the shift; 2 – determine if the increase/decrease is a smooth curve or sharp increase

↑T, shift ←
↑ gradual!