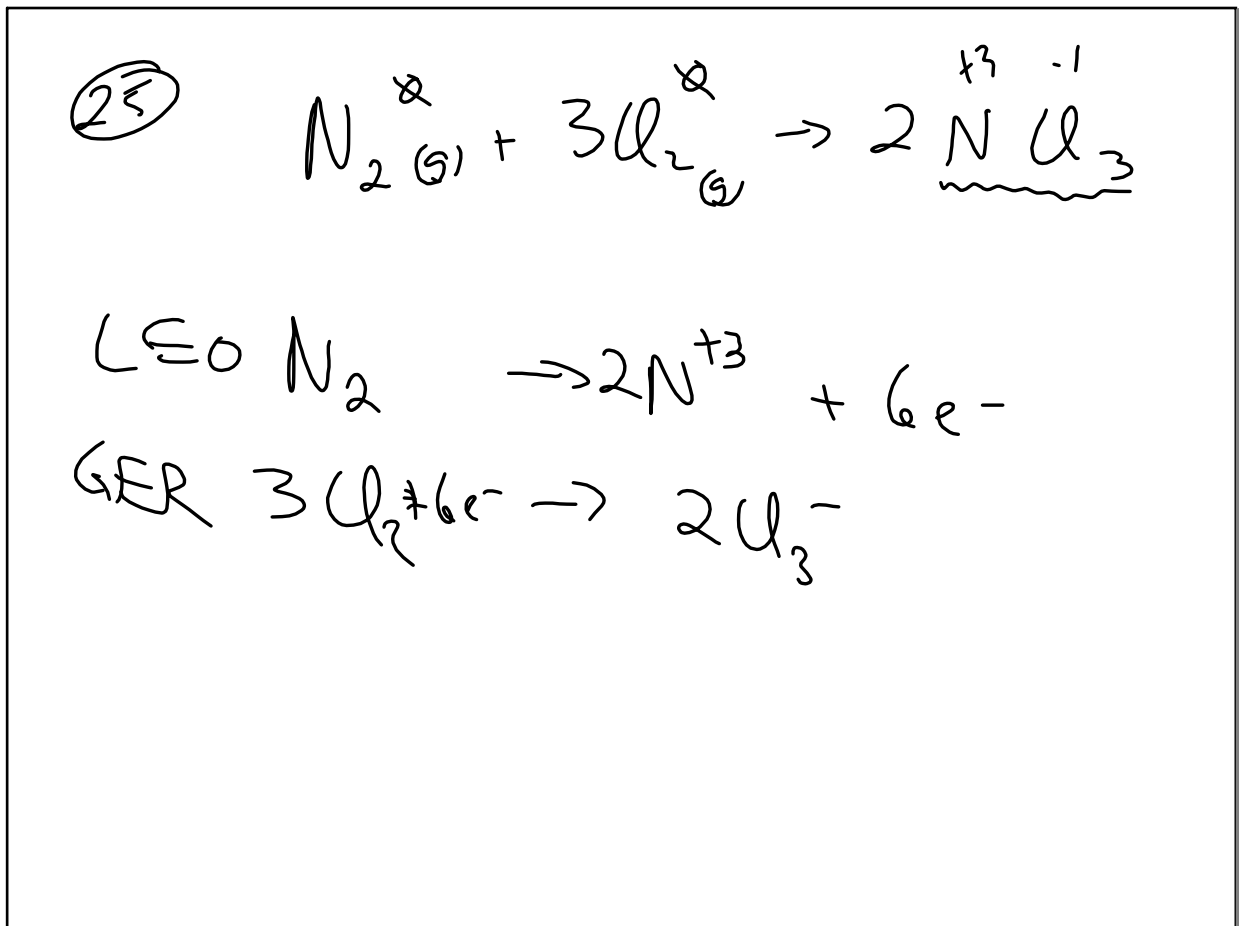


Apr 3-8:05 AM



Apr 3-8:30 AM

$$\textcircled{EC} \quad \Delta G = \Delta H - T \Delta S$$

$$\Delta H = [-153.2 + x] - [x + -241.8] = \boxed{88.6 \text{ KJ}}$$

$$\Delta S = [43.5 + 130.6] - [33.3 + 188.7] = -47.9 \text{ J}$$

$$\Delta H = 88.6 - 500(-0.0479)$$

$$\boxed{-0.0479 \text{ KJ}}$$

$$\Delta G = \boxed{110.55 \text{ KJ}}$$

Apr 3-8:33 AM