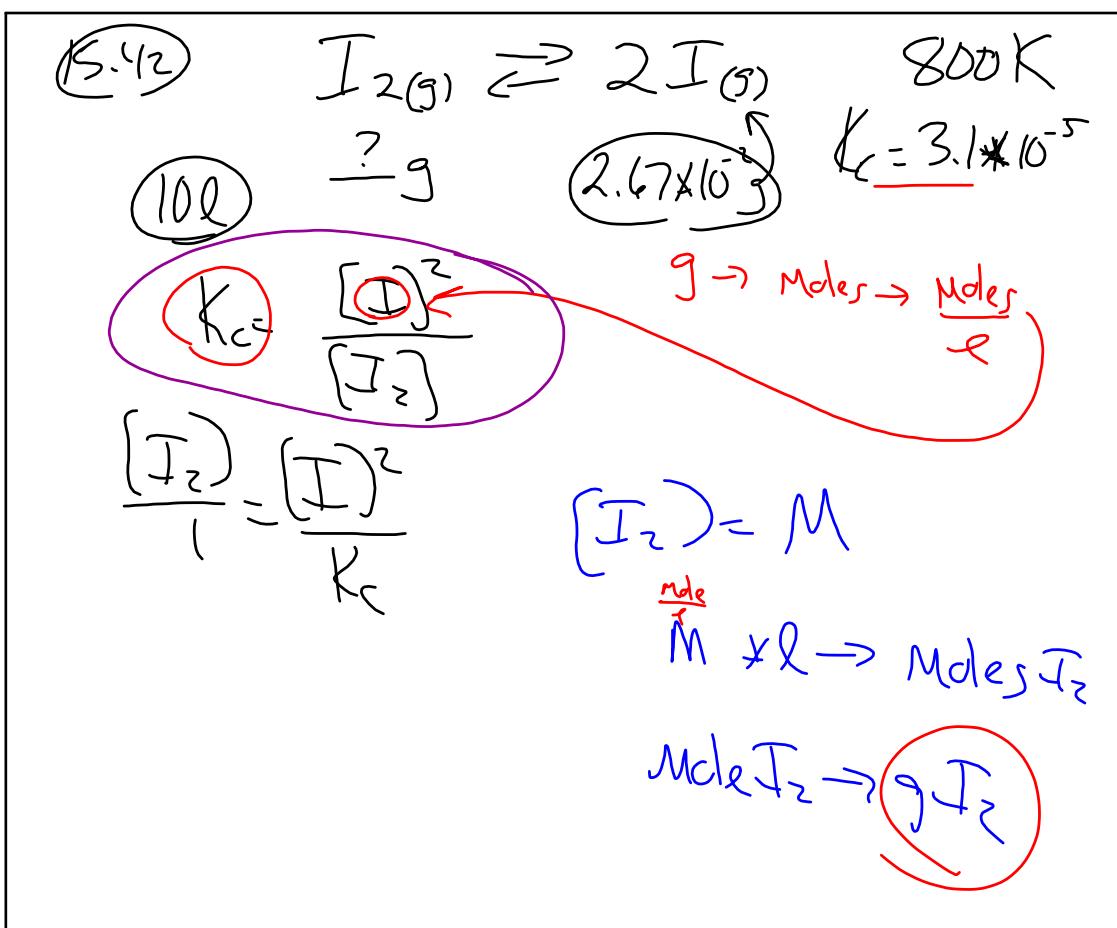
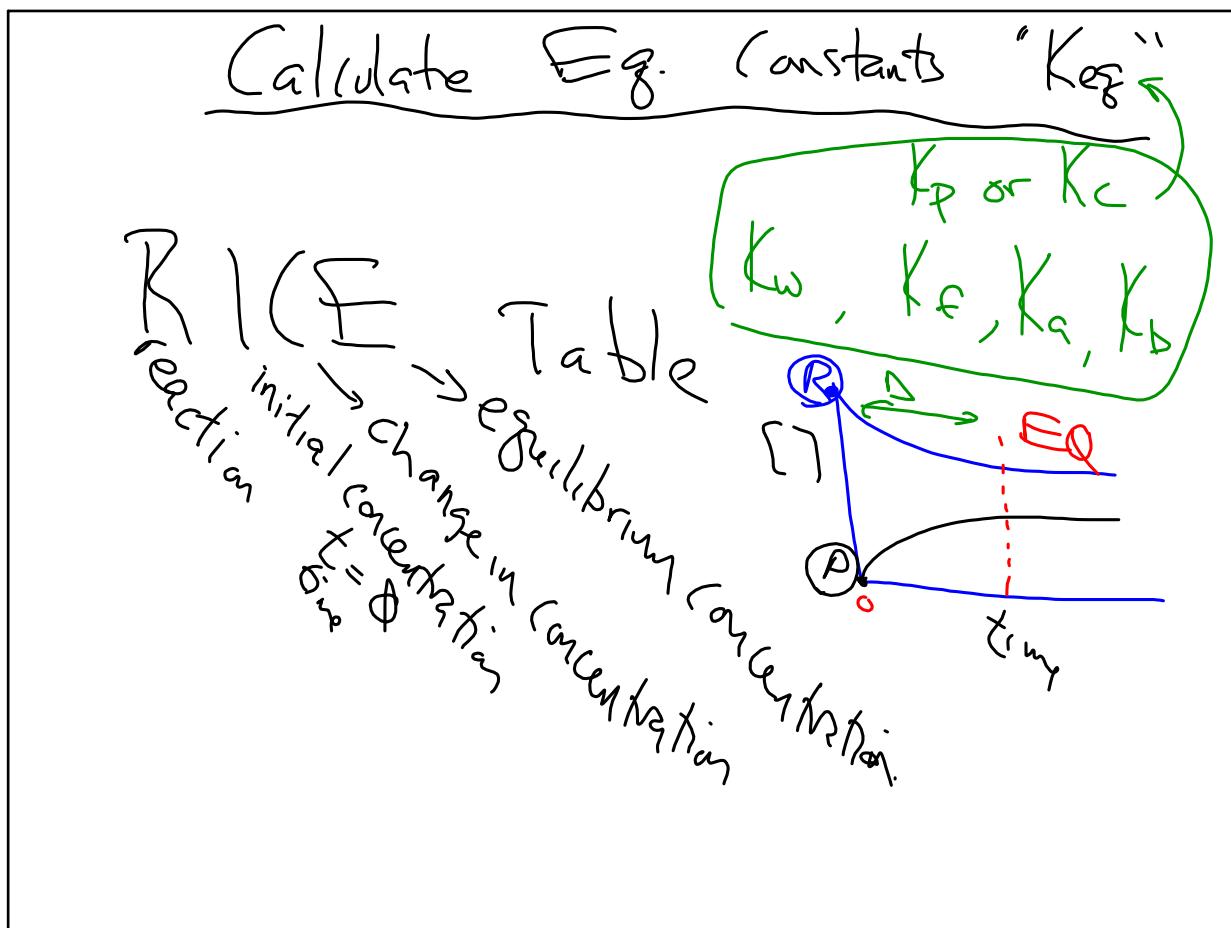


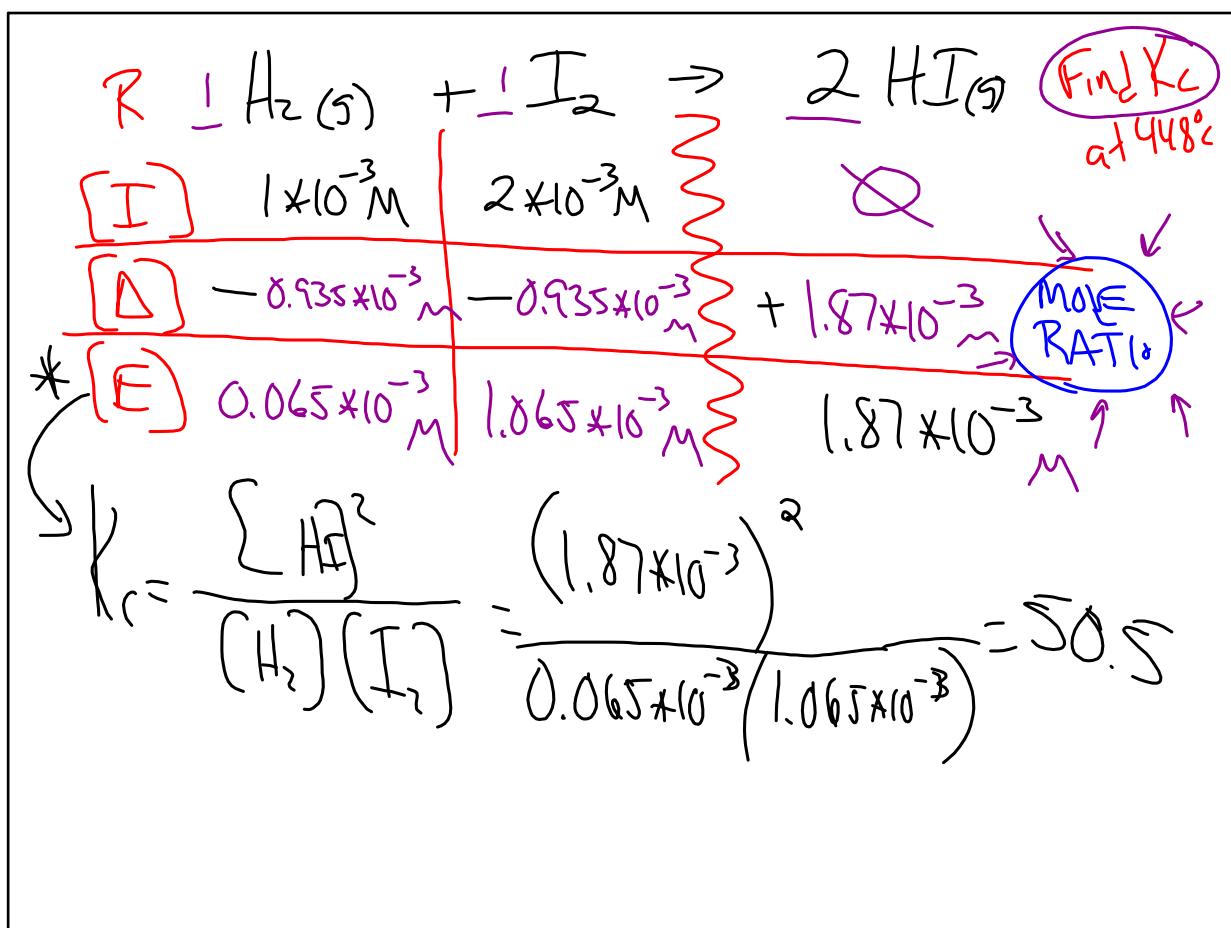
Feb 10-9:35 AM



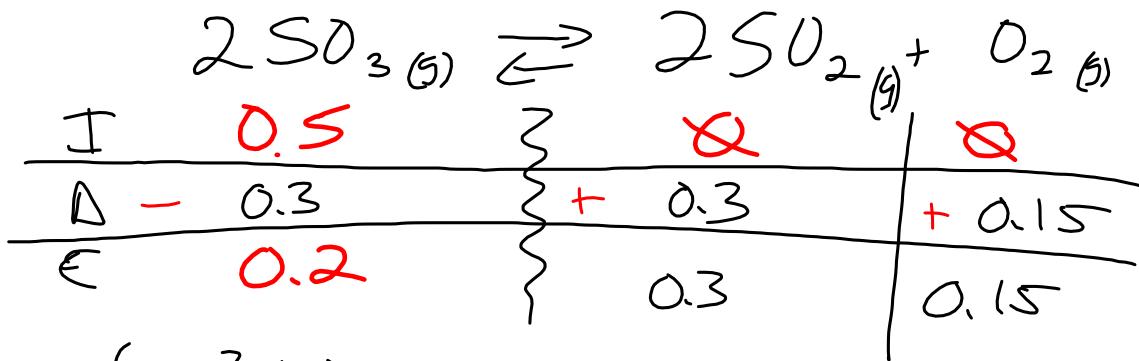
Feb 10-9:53 AM



Feb 10-10:00 AM

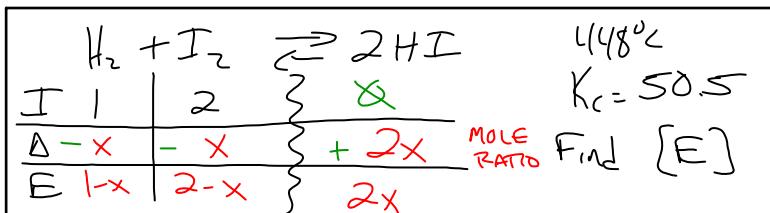


Feb 10-10:06 AM



$$K_p = \frac{(SO_2)^2 (O_2)}{(SO_3)^2} = \frac{(0.3)^2 (0.15)}{(0.2)^2} = 0.338$$

Feb 10-10:28 AM



$$K_c = \frac{(HI)^2}{(H_2)(I_2)} = \frac{50.5}{1} = \frac{(2x)^2}{(1-x)(2-x)}$$

$$\frac{50.5}{1} = \frac{4x^2}{x^2 - 3x + 2}$$

$$\begin{array}{r}
 -4x^2 = 50.5x^2 - 151.5x + 101 \\
 -4x^2 - 50.5x^2 + 151.5x - 101
 \end{array}$$

$$46.5x^2 - 151.5x + 101 = 0$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Feb 10-10:38 AM

15/44, 46, 50
 $\text{Ca}(\text{rO}_4\text{S})$

Feb 10-10:46 AM