Problem 1

(all Ne see that

$$K = 8.3 \cdot 10^{-11} = \frac{COJ C(12)}{COC(12)} = \frac{COJ^2}{CCOC(12)} = \frac{COJ^2}{CCOC(12)} = \frac{COJ^2}{CCOC(12)} = \frac{COJ^2}{COC(12)} = \frac{COJ^2}{COC(12)} = \frac{COJ^2}{COC(12)} = \frac{COJ^2}{COC(12)} = \frac{COJ^2}{COC(12)} = \frac{COJ^2}{COC(12)} = \frac{COJ^2}{COJ} = \frac{COJ}{COJ} = \frac{COJ}{C$$

and three

Problem 2

(a): to the products
(b): To the reactants

Problem 3 Let's try writing the correct RICE table, but assuming they gastous Noi meant to say NO NOBr -2x +2x | + X 0 = 4x3 - 0,0142 (4-1/x+4x2) 2-2x 2× $=4x^{3}$ 0.0568 + 0.0568x-0.0568x² Solvingfor X > 0.113 $0.0142(2-2x)^2-4x^3=0$ withtheTI-84 X= 0.2074 Thus, [NOBr] = 1.585 [NOD) = 0.415 (Br2)= 0,207