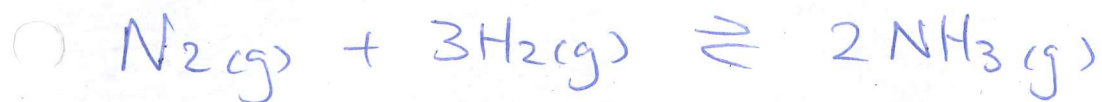


Homework #1.



6.0 mols of NH_3 are added to a 1.0L flask. A few hours later equilibrium is obtained and 0.50 mols of N_2 are found. What is K_{eq} ?

Homework #2.



8.0 mols of PCl_3 and 6.0 mols of Cl_2 are placed in a 2.0L flask. At equilibrium, 0.50 mols of Cl_2 are found. What is K_{eq} ?