Homework 2: Molar solubility and Ksp

(continuation of homework 1)

Part IV

Given the molar solubility of one ion:

1. Write dissolution equation
2. Write the equilibrium expression
3. determine the Ksp

the molar solubility of Ag+ in silver iodide is 1.2 x 10-4M

the molar solubility of Ca2+ in calcium fluoride is 3.4 x 10-3M

the molar solubility of Cu+ in copper (I) carbonate is 4.2 x 10-7M

the molar solubility of Mg2+ in magnesium phosphate is 2.8 x10-6M

real fun:

the molar solubility of Bi5+ in bismuth(V) hydrogenphosphite is 1 x10-3M