Question #79014, Chemistry / General Chemistry

the ksp for magnesium fluoride is $5.2x10^{-11}$ calculate the solubility of the salt in moles per liter and grams per liter.

Solution

$$KSP (MgF_2) = 5.2 * 10^{-11}$$

$$MgF_2 = Mg^{2+} + 2F^-$$

x - is a solubility of the salt solubility in moles per liter