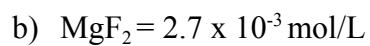
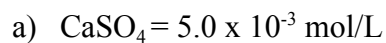
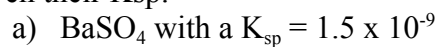


1. Calculate the K_{sp} for each of the salts whose solubility is listed below.



2. Calculate the molar solubility (concentrations) of the ions in the following compounds given their K_{sp} .



3. Determine whether a precipitate will form if a person mixes 100.0 mL of 0.0015 M CaCl_2 with 50.0 mL of 0.0081 M K_2SO_4 if the K_{sp} of CaSO_4 is 2.4×10^{-5} .