



4) Will a precipitate form when 0.200 liters of 0.0060 M  $\text{Sr}(\text{NO}_3)_2$  is mixed with 0.800 liters of 0.040 M  $\text{K}_2\text{CrO}_4$ ?

5) Calculate the solubility of the following salts:

a.  $\text{Ag}_2\text{CrO}_4$   $K_{sp} = 9.0 \times 10^{-12}$

b.  $\text{Ag}_2\text{CrO}_4$  in 0.100 M  $\text{AgNO}_3$