**What is the weight of the precipitate obtained from a (1) gram weight sample, if you know that the percentage of chlorine ion which was precipitated on the form of the silver chloride is (19.2%) and the weight of the chlorine ion is (0.1) g ?**

**the atomic weight for Ag=108,cl=35.5**

**wt of cl = G.F × wt of AgCl**

**0.1 = A.Wt of cl × Wt of AgCl**

**M.Wt of AgCl**

**35.5**

**0.1 =** **× Wt AgCl**

**108+35.5**

**Wt = 0.8 g**