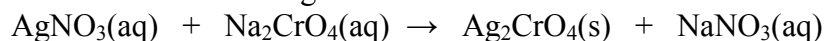


CHAPTER 8	Limiting Reactant in Solution and Gas Stoichiometry	BLM 8.1.5
ASSESSMENT		

1. (a) When 50.0 mL of 0.100 mol/L silver nitrate reacts with 25.0 mL of 0.150 mol/L sodium chromate, which reactant is limiting?



(b) What mass of precipitate is formed?

2. A quantity of sodium sulfide with a mass of 8.76 g is added to 350 mL of 0.250 mol/L lead(II) nitrate solution. Which reactant is limiting?

3. A 25.0 mL volume of 0.400 mol/L lead(II) nitrate is mixed with 300 mL of 0.220 mol/L potassium iodide. What is the maximum mass of precipitate that can form?

