

**Limiting Reactant Calculations (3 and 4 only)**

3. Sodium and iron oxide

a.  $\text{Fe}_2\text{O}_3$  is LR

b. 69.94 g Fe

c. 13.6 g Na remain

d. 64.6% Fe

4. Potassium tetrachloroplatinate

a. 1, 2, 1, 2

b.  $\text{K}_2\text{PtCl}_4$  is LR

c. 18.4 g remain

d. 14.46 g  $\text{Pt}(\text{NH}_3)_2\text{Cl}_2$