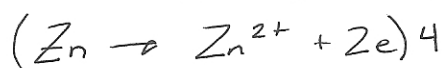
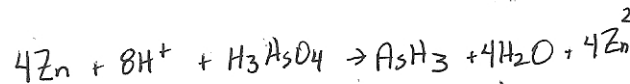
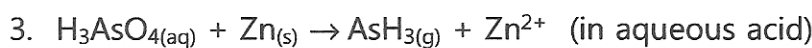
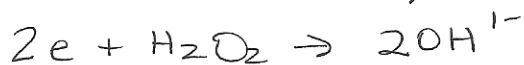
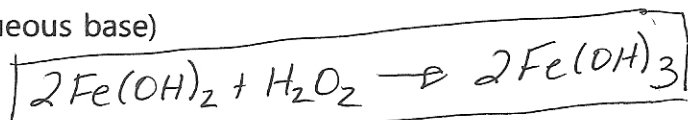
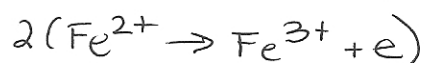
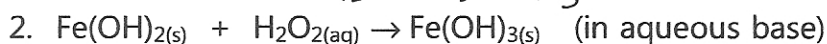
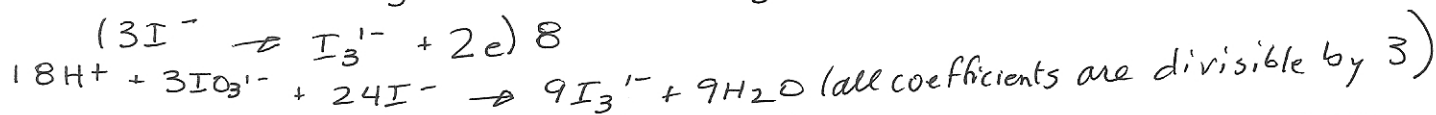
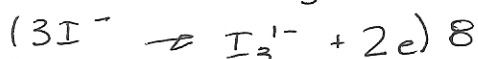
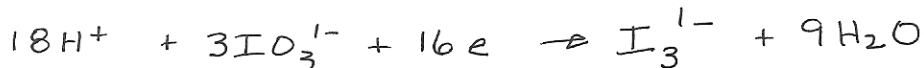
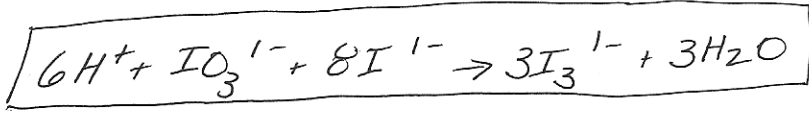


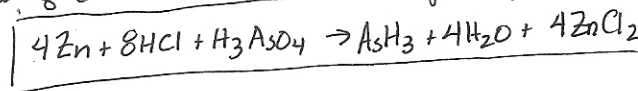
Practice Quiz  
Redox Reactions

Name Key

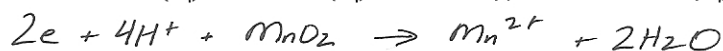
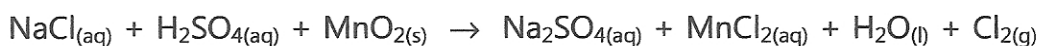
Balance the following redox reactions:



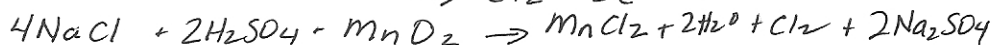
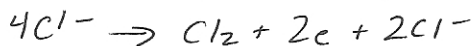
(using  $\text{Cl}^-$  as a counter ion gives:)



4. Chlorine gas was first prepared by C.W. Scheele in 1774 by the following reaction:



Because  $\text{Cl}^-$  is both a counter ion and the species being oxidized



5. Gold metal will not dissolve in either concentrated nitric acid or concentrated hydrochloric acid. It will dissolve, however, in aqua regia, a mixture of the two concentrated acids. The products of the reaction are the  $\text{HAuCl}_4$  (chloroauric acid) and gaseous  $\text{NO}$ . Write a balanced reaction for the dissolution of gold in aqua regia.

