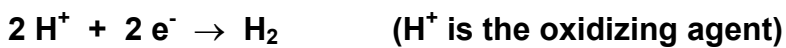
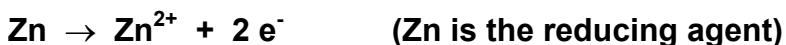
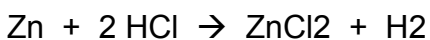
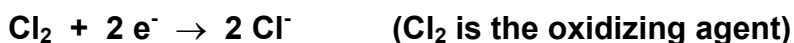
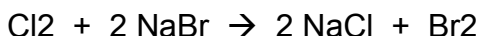
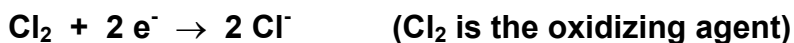
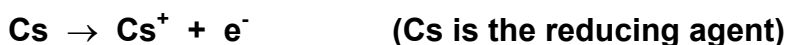
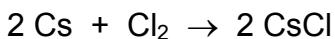
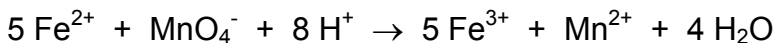
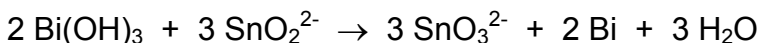
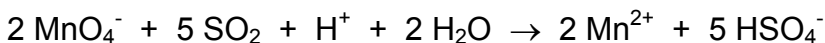
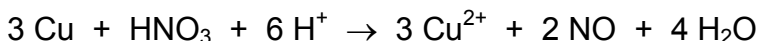


Refer to *Balancing RedOx Reactions* while working on these problems. You should also refer to your textbook chapter on oxidation-reduction reactions.

1. For the complete redox reactions below (i) break down the reaction into a set of half-reactions and (ii) identify the oxidizing and reducing agents.



2. Balance the following redox reactions by the half-reaction (ion-electron) method. Work the problems on a separate sheet of paper.



3. Balance the following redox reactions by the oxidation number method. Work the problems on a separate sheet of paper.

