

Name _____

Period _____

Redox Homework #1
Assigning Oxidation Numbers

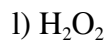
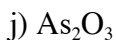
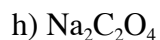
1) Assign the oxidation state for nitrogen in each of the following.



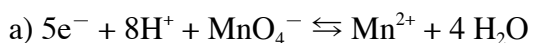
2) Assign the oxidation state for chlorine in each of the following:

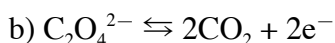


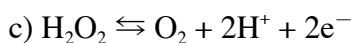
3) Assign oxidation states for all atoms in each of the following compounds:

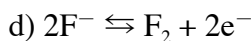


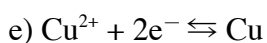
4) Identify each of the following changes as either an oxidation or a reduction.

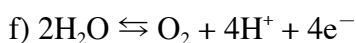


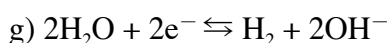


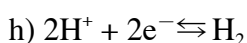


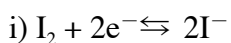


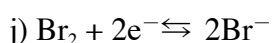












5) Specify which of the following are oxidation–reduction reactions, and identify the oxidizing agent, the reducing agent, the substance being oxidized, and the substance being reduced.

