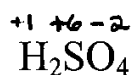
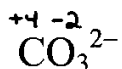
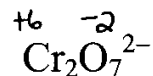


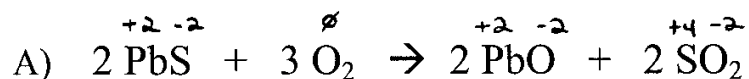
Chem 210 – Intro to Redox Reactions

Key

1. Determine the oxidation state of each element in the following compounds or ions:

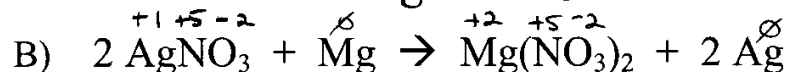


2. In the following reactions, label the oxidizing and reducing agents and indicate the elements being oxidized and reduced.



$\text{O}_2 = \text{oxidizing agent, O is reduced}$

$\text{PbS} = \text{reducing agent, S is oxidized}$



$\text{AgNO}_3 = \text{oxidizing agent, Ag is reduced}$

$\text{Mg} = \text{reducing agent, Mg is oxidized}$