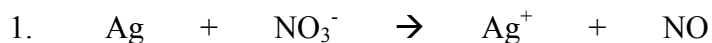
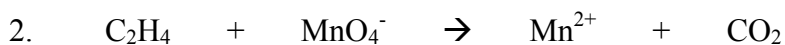


Balance the following redox reaction using the half-reaction method. Identify the oxidizing agent (OA), the reducing agent (RA), the element oxidized, and the element reduced.

Acidic Solution Problems

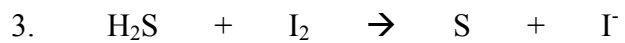
Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



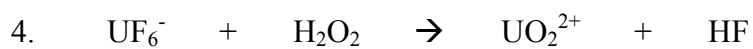
Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



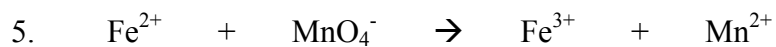
Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



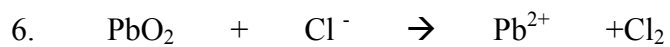
Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



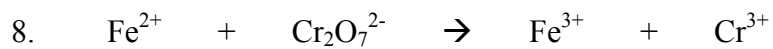
Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



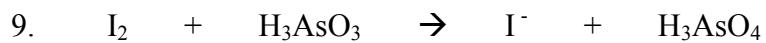
Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



Element Oxidized _____ Element Reduced _____ RA _____ OA _____

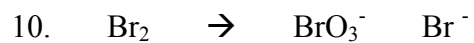
Correct Equation:



Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:

Basic Solution Problems



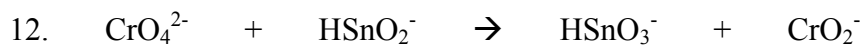
Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



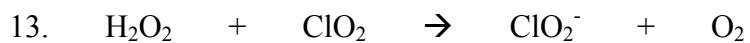
Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:



Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation:

Neutral Solution Problems



Element Oxidized _____ Element Reduced _____ RA _____ OA _____

Correct Equation: