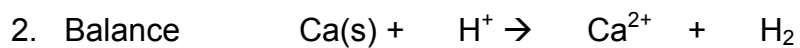
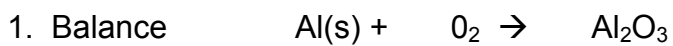
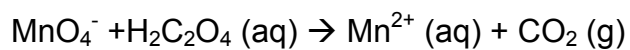


Redox Reactions

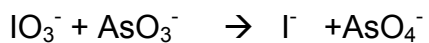
CHM 1311.003 - Practice Questions



3. What mass of CO_2 is produced by reacting 0.500 g $\text{H}_2\text{C}_2\text{O}_4$ with 50.00 mL of an acidic 0.0200 M MnO_4^- solution?



4. For the following reaction:



- a) What is the reducing agent? _____
- b) What is the oxidizing agent? _____
- c) What species is being reduced? _____
- d) What species is being oxidized? _____
- e) What is the oxidation number of As in AsO_4^- ?

5. Which of the following acids is the strongest oxidizing agent?

HCl HNO₃ H₃PO₄ HBr HI cold dilute H₂SO₄

6. Using the activity series:

- a) Will Cs^+ oxidize Cr(s) ?
- b) Will the following reactions occur (Y or NR)?

