

Redox Reactions PreLab Worksheet

1. Potassium permanganate (KMnO_4) and hydrochloric acid (HCl) are being used in lab this week.

a. KMnO_4 is described as a strong _____ agent, _____ and _____.

b. Hydrochloric acid (3 M HCl) is described as _____ and _____.

c. If you spill either of them on yourself, what should you do?

d. If you get either of them in your eyes, what should you do?

2. List the waste disposal instructions for this week's lab.

a. For Part A1.

b. For Part A2.

3. In an oxidation reaction electrons are _____ and in a reduction reaction electrons are _____.

4. In a galvanic electrochemical cell, oxidation occurs at the _____ and reduction occurs at the _____.

In Part B, the copper will always be the anode and attached to the voltmeter with the _____-colored lead.