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The Floating Tin Sponge Demonstration Worksheet

Discussion Questions

1. Describe what happened in this demonstration.

2. This demonstration consisted of two single replacement reactions that occur simultaneously. Write a balanced chemical equation for each reaction.

   a. Oxidation of metallic zinc and reduction of tin from the tin(II) chloride

   b. Oxidation of zinc with an acid and reduction of hydrogen ions.

3. What is an oxidation/reduction reaction?

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