

Quiz 10: Redox Chemistry

(10 pts)

For the following redox equation, predict possible products **and identify what is oxidized, what is reduced, the oxidizing agent and the reducing agent (Hint: In order to do the second part you need to be able to find your predicted products on the chart!)** (4 pt)



Would you predict this reaction to be spontaneous (favored)? Why or why not? (2 pt)

If this reaction occurred **in a battery** rather than just adding the two reactants together, what would be different? (2 pt)

Would the reaction above be the one that occurs when the battery is charging or discharging? (2 pt)