Name:	For Teacher Use Only:	
Lab: REDOX (Lemon Battery)	Minutes	
Lab Credit Sheet	Approved	
Answer the following questions with thoughtful, detailed answer from your observations and results of the lab activity.	ers in complete sentences. Cit	e specific examples
Part 1: VOLTAIC CELL (Lemon Battery) 1. Take a close look at your lemon. What part of the lemon	on is the salt bridge?	
2. Which one of your trials produced the highest voltage?	Explain why, using Table J.	

3. If you brought another sample of fruit or vegetable, describe how your results were different than your

4. If you were given a choice of any metals or any fruit / vegetable for this experiment, what would you do

lemon results.

Part 2: ELECTROLYTIC CELL

2. How do you know one product is a gas?

differently to generate an even higher voltage?

1. Is the net reaction spontaneous or not? Explain your reasoning.

3. Write out the two half-cell reactions for what happened at each electrode.

4. State which half-cell represents oxidation and which one represents oxidation.

5. Write a balanced skeletal equation for the net redox reaction