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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Oxidation-Reduction Vocab

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| **Across****5.** Electrochemical cell in which a spontaneous chemical reaction causes a flow of electrons.**6.** Loss of electrons and an increase in \_\_\_\_\_\_\_\_\_ state.**7.** Process in which an electric current forces a nonspontaneous reaction to occur.**8.** Gain of electrons and the loss of oxidation number.**9.** System in which there's an electric current flowing while a chemical reaction occurs.**10.** Site at which oxidation or reduction; an anode or cathode.**11.** Reaction that shows either the oxidation or reduction portion of a redox reaction. | **Down****1.** An oxidation-reduction reaction.**2.** Cell that requires a nonspontaneous chemical reaction to occur (uses battery).**3.** Number assigned to keep track of electron gain or loss in redox reactions.**4.** Part of a voltaic cell that connects two containers and allows flow of ions. |

   electrolytic cell       half-reaction       salt bridge       electrochemical cell       electrode       oxidation       electrolysis       redox       reduction       oxidation number       voltaic cell