

OXIDATION-REDUCTION REACTIONS**Vocabulary Review**

Select the term from the following list that best matches each description.

| | |
|--------------------------------|------------------------------|
| half-reaction | oxidation-reduction reaction |
| half-reaction method | oxidizing agent |
| oxidation | redox reaction |
| oxidation number | reducing agent |
| oxidation-number-change method | reduction |

1. the substance in a redox reaction that accepts electrons

2. a method of balancing a redox equation by comparing the increases and decreases in oxidation numbers

3. a process that involves a complete or partial gain of electrons or the loss of oxygen; it results in a decrease in the oxidation number of an atom

4. a method for balancing a redox equation by balancing the oxidation and reduction half-reactions

5. a positive or negative number assigned to a combined atom according to a set of arbitrary rules

6. a substance in a redox reaction that donates electrons

7. an equation showing either the reduction or the oxidation of a species in an oxidation-reduction reaction

8. a reaction that involves the transfer of electrons between reactants during a chemical change

9. a process that involves complete or partial loss of electrons or a gain of oxygen; it results in an increase in the oxidation number of an atom

10. another name for an oxidation-reduction reaction
