

Name: _____

Date: _____

Notes: Double Displacement Reactions

What happens to the electrons of *metals*? _____

What type of charge do *metal* ions have? _____

Define **oxidation**: _____

What happens to the electrons of *nonmetals*? _____

What type of charge do *nonmetal* ions have? _____

Define **reduction**: _____

What is true of oxidation and reduction? _____

How would a chemical reaction occur that was not a redox reaction? _____

Why would this type of reaction not be considered an oxidation-reduction reaction?

Describe **double displacement reactions**: _____

Describe a **precipitation reaction**: _____

What is a **precipitate**? _____

What is true of the *reactants* in a precipitation reaction? _____

What happens to ionic compounds when they dissolve in water? _____

What happens when the solutions mix? _____

What are *spectator ions*? _____

Describe an **acid-base neutralization reaction**: _____

What liquid is produced when an acid neutralizes base? _____

What is the pH of a neutralized solution? _____

What other kind of compound is produced during a neutralization reaction? _____

WHAT ARE THE KEY CHARACTERISTICS OF A *PRECIPITATION REACTION*?

WHAT ARE THE KEY CHARACTERISTICS OF AN *ACID-BASE NEUTRALIZATION REACTION*?

For each of the double displacement reactions on your notes, determine if the reaction is a *precipitation reaction* or a *neutralization reaction*.

