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Unit 5 Chemical Reaction Vocab

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| **Across**  **4.** involves the loss of an electron, the addition of oxygen and an increase of oxidation number  **10.** result in the formation of an insoluble product  **11.** any process of electrons being added to an atom or ion  **12.** two reactant ion compounds exchange ions to form two new product compounds with the same ions  **13.** the ability to dissolve  **14.** positive or negative number that indicates how many electrons an atom has gained, lost, or shared to become stable  **15.** Chemical reaction in which two or more reactants combine to produce a single compound | **Down**  **1.** one element is being displaced from a compound by another element  **2.** Chemical reaction, when a compound breaks down into two or more products  **3.** when 2 or more substances interact to form the original properties  **5.** includes all of the particles that participate in reaction  **6.** reaction in which an acid base reacts in H2O to from a salt in water  **7.** list of elements organized according to which element undergoes chemical reactions  **8.** chemical reaction, occurs when oxygen combines w/ another compound to form water and carbon dioxide  **9.** an insoluble solid formed by reaction in solution |