

Lesson Outline**LESSON 2*****Types of Chemical Reactions*****A. Patterns in Reactions**

1. There are _____ major types of chemical reactions.
2. Each type of chemical reaction follows a unique _____ in the way atoms in reactants _____ to form products.

B. Types of Chemical Reactions

1. Knowing the types of chemical reactions helps _____ how substances will react and what _____ will form.
2. In a(n) _____ reaction, two or more substances combine.
 - a. The product in a synthesis reaction is a(n) _____.
 - b. A synthesis reaction has _____ reactant(s) and _____ product(s).
3. In a(n) _____ reaction, a substance breaks down and forms two or more substances.
 - a. The reactant in a decomposition reaction is a(n) _____.
 - b. The products in a decomposition reaction can be _____ or compounds.
 - c. A decomposition reaction has _____ reactant(s) and _____ product(s).
4. In a(n) _____ reaction, an atom or group of atoms replaces part of a(n) _____.
5. One type of replacement reaction is _____ replacement.
 - a. In a(n) _____ reaction, one _____ replaces another element in a compound.
 - b. The reactants in this type of reaction are a(n) _____ and a(n) _____.
 - c. The products in this type of reaction are a different _____ and a different _____.
6. The other type of replacement reaction is _____ replacement.
 - a. In a(n) _____ reaction, the _____ ions in two compounds switch places, forming two new compounds.

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Holt Chemistry Ralph Thomas Myers,2004

Glencoe Science McGraw-Hill Staff,2001-06

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Prentice Hall Science Explorer: Teacher's ed ,2005

Chemical Building Blocks Michael J. Padilla,David V. Frank,John G. Little,Steve Miller,2000

[Marine Research](#) ,1969

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Fiscal Year 1968 National Council on Marine Resources and Engineering Development (U.S.),1969

Chemistry and Industry ,1978

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web the figure given below represents the functional block diagram of smps initially the unregulated ac input signal from the source is provided to the input rectifier and filter circuit here the ac input signal is rectified to generate a dc signal and further smoothened to remove high frequency noise component from it

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