

Six Types of Reaction Homework

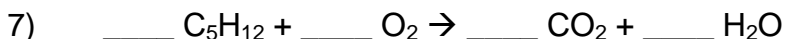
Fill in the blanks with the correct type of reaction:

- 1) A(n) _____ reaction is one in which oxygen reacts with another compound to form carbon dioxide, water, and heat.
- 2) A(n) _____ reaction takes place when one element trades places with an element in an ionic compound. An example of this reaction is when silver nitrate reacts with copper metal to form copper (I) nitrate and silver metal.
- 3) A(n) _____ reaction is one where a complex molecule breaks apart to form two or more less complicated molecules.
- 4) A(n) _____ reaction is one where the cations of two ionic compounds switch places. An example of this is when sodium chloride reacts with silver nitrate to form silver chloride and sodium nitrate.
- 5) A(n) _____ reaction is when two or more simple compounds join to form a more complicated one.

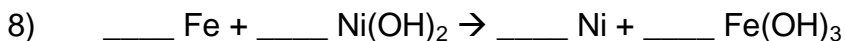
For the following questions, balance the equation and indicate what type of reaction the equation is showing:



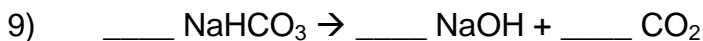
Type of reaction: _____



Type of reaction: _____



Type of reaction: _____



Type of reaction: _____



Type of reaction: _____