Chapter 9 Chemistry Review

Students should be able to

1 Define what a chemical reaction is and give an example.

2 Identify the reactants and products in a chemical equation.

4 Explain what happens to the bonds between atoms when a chemical reaction happens.

5 State the law of conservation of mass and explain how it relates to chemical equations.

6 Explain the difference between a subscript and a coefficient in a chemical equation.

7 Calculate the number of elements on either side of a chemical equation.

8 Balance a Chemical equation

9 Define and Identify the 5 types of reaction discussed in class.

Synthesis, Decomposition, Single replacement, double replacement, combustion

10 Predict to products of a reaction.

11 Identify the physical states of the reactants and products in a chemical equation.

12 State what the symbols in a chemical equation mean.

13 use the activity series to predict if a reaction will go forward.