

Name: _____ Date: _____
Lefanto/Facchini

Chapter 10 Study Guide

Part 1: Vocabulary

word	definition
atomic number	
atomic mass	
atom	
chemical formula	
chemical symbol	
matter	
substance	
compound	
element	
mass	
mixture	
dissolving	
Heterogenous Mixture	

Homogenous Mixture	
solubility	
chemical changes	
chemical properties	
concentration	

Part 2: Short Answer

Name 3 electrical particles that make up the atom:

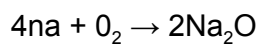
What are the two main classifications of matter?

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How many neutrons does Element ___ have its atomic mass is 16 and its atomic number is 8?

How many atoms of Carbon are in the formula CaCO?

The "4" in the equation is known as the _____.



Identify two ways we may know a chemical change has occurred.

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In a chemical equation the yields sign is represented by the

_____.

The arrow in a chemical equation tells us that a _____

_____ has occurred.

The equation to the **left** of the yield sign(\rightarrow) is known as the _____.

The equation to the **right** of the yield sign(\rightarrow) is known as the _____.

Name one way the rate of a reaction can be increased.