

Name _____ Date _____

Chapter 12 – Stoichiometry Study Guide

The following example problems exhibit the types of calculations you will be expected to perform on tomorrow's test.

- Describe a reaction in terms of particles
Ex.) Describe the following reaction in terms of molecules



* Note: sometimes you will need to include other descriptors such as atoms and formula units*

- Describe a reaction in terms of moles
Ex.) Describe the following reaction in terms of moles



- How do you determine the mass of the products for a balanced reaction?
Ex.) What is the mass of the product formed in the following equation?



- How do you determine the volume of the reactants or products of a balanced reaction?
Ex.) What is the volume of the products and the reactants of the following equation?



- How do you show how a balanced reaction follows the Law of Conservation of Mass by showing that the mass on both sides of a reaction are equal?

Ex.) Show how the mass of the reactants equals the mass of the products for the following equation.

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