

Name: _____
Date: _____ Per: _____

Mr. Leal
Chemistry - 11/12/2012

Stoich WS 4 - Practice Mix 2

- Write the Formulas for the following compounds:
 - Barium Chloride: _____
 - Sodium Sulfate: _____
 - Sodium Chloride: _____
 - Barium Sulfate: _____
 - Oxygen gas: _____
 - Calcium Carbonate: _____
 - Calcium Oxide: _____
 - Carbon Dioxide: _____
 - Sodium Sulfide: _____
 - Water: _____
- 1.05 g of Barium Chloride reacts with 1.10 g Sodium Sulfate to produce Sodium Chloride and Barium Sulfate. Calculate the grams of Barium Sulfate.
- Propane, C_3H_8 , burns in oxygen gas to produce carbon dioxide and water. What mass of propane could be combusted by 2.25 mol of oxygen gas?
- Calcium Carbonate can be decomposed with heat to form Calcium Oxide, and carbon dioxide. What amount of Calcium Oxide would be formed from the decomposition of 12.1 kg of Calcium Carbonate?

