Worksheet: More Practice with % Composition and Empirical Formulas **Name_____**

Part 1: % Composition

Calculate the percent composition of the following compounds.

$Ca(OH)_2$

Na_3PO_4

Part 2: Empirical Formulas

Work each of the following problems. SHOW ALL WORK.

1. Determine the empirical formula of a compound containing 63.50 % silver, 8.25 % nitrogen, and the remainder oxygen.

2. A compound is found to contain 63 % manganese, Mn, and 37 % oxygen. What is the compound's empirical formula?

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