

Unit 6C Percent Composition Name: and Empirical Formulas Practice

Date:

Part 1: Percent Composition

Calculate the percent composition of the following compounds.

Ι

1.	Ca(OH) ₂	
2.	Ca	
3.	0	
4.	н	
5.	Na ₃ PO ₄	
6.	Na	
7.	Р	
8.	0	

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?