

Part 1: Percent Composition

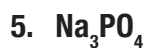
Calculate the percent composition of the following compounds.

















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?