

Part 1: Percent Composition

Calculate the percent composition of sodium phosphate.









Part 2: Empirical Formulas

Work each of the following problems. **SHOW ALL WORK.**

1. Determine the empirical formula of a compound containing 22.6 % nitrogen and 77.4 % oxygen.

2. A sample in the lab is found to contain 0.45 g magnesium and 2.9 g bromine. What is the empirical formula of the sample?