

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. What is the empirical formula for a compound if a 2.50 g sample contains 0.900 g of calcium and 1.60 g of chlorine?

2. A compound is 85.7 % carbon and 14.3 % hydrogen. Calculate the empirical formula.