

Empirical Formulas

1. Determine the **empirical** formula of a compound with 72.4% Fe and 27.6% Oxygen.
2. Determine the **empirical** formula of a compound with 65.2% Sc and 34.8% O
3. Determine the **empirical** formula of a compound with 52.8% Sn, 12.4% Fe, 16% C and 18.8% N.
4. Determine the **empirical formula** of a compound that contains 2.61-g of carbon, 0.65-g of hydrogen, and 1.74-g of oxygen