

Empirical Formula

Name - _____

1.) Find the empirical formula for the following compounds.

a.) 15.9% B and 84.1% F

b.) 87.5% Si and 12.5% H

c.) 43.7% P and 56.5% O

d.) 77.9% I and 22.1% O

e.) 77.7% Fe and 22.3% O

f.) 70.0% Fe and 30.0% O

g.) 72.4% Fe and 27.6% O

h.) 46.3% Li and 53.7% O

i.) 24.4% C, 3.39% H and 72.2% Cl

j.) 26.6% K, 35.4% Cr and 38.0% O

k.) 21.8% Mg, 27.9% P and 50.3% O

l.) 3.66% H, 37.8% P and 58.4% O

m.) 46.55% C, 7.69% H and 45.75% O

n.) 50.5% C, 5.26% H and 44.2% N