

Determining Empirical Formula

What is the empirical formula of the compounds below?

1. 75% carbon, 25% hydrogen
2. 52.7% potassium, 47.3% chlorine
3. 22.1 % aluminum, 25.4% phosphorus, 52.5% oxygen
4. 13% magnesium, 87% bromine
5. 32.4% sodium, 22.5% sulfur, 45.1 % oxygen
6. 25.3% copper, 12.9% sulfur, 25.7% oxygen, 36.1% water