## SCH 3U

Date		

## **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	
3. 22.1 /6 aluminum, 25.4/6 phosphorus, 52.5/6 oxygen	
4. 13% magnesium, 87% bromine	
5. 32.4% sodium, 22.5% sulfur, 45.1 % oxygen	
3. 32.4% Sodium, 22.3% Sunur, 45.1 % Oxygen	
6. 25.3% copper, 12.9% sulfur, 25.7% oxygen, 36.1% water	