





8. A compound contains 21.6% Na, 33.3% Cl, and 45.1% O. Write the empirical formula and name the compound that is formed.
9. A compound is 19.3% Na, 26.9% S, and 53.8% O. Its formula mass is 238 g. What is its molecular formula?
10. An experiment uses a catalyst that is 23.3% Co, 25.3% Mo, and 51.4% Cl. What is the empirical formula of the compound?