

Example Problem: Find the % by mass of oxygen in water.

Percentage by mass of element in a compound =
(mass of element in 1 mol of compound ÷ molar mass of compound) × 100 %

(after completing lab #1)

Find the % of carbon in sodium bicarbonate (NaHCO_3).

Find the % composition of aluminum oxide. (This means to find the % of each element in the compound.)

