

Counting Atoms Worksheet

Identify and count the number of each type of atom in the following simple compounds

- Water (H_2O)
- Carbon Dioxide (CO_2)

Draw each molecule and label the number of atoms

- Ammonia (NH_3)
- Ethanol ($\text{C}_2\text{H}_5\text{OH}$)
- Sulfuric Acid (H_2SO_4)
- Calcium Chloride (CaCl_2)
- Benzene (C_6H_6)

Predict and count the atoms in the products of these simple reactions

- Combustion of Propane
- Decomposition of Potassium Chlorate
- Neutralization of Hydrochloric Acid with Sodium Hydroxide