

**Percent Composition**

For the following compounds, write the chemical formula, determine the formula mass, and calculate the percent composition of all elements in the compound. Show all your work!!!! Box the answer and include the percent symbol and the element name. Units should be percent.

water

sodium carbonate

carbon dioxide

barium nitrate

sodium chloride

hydrochloric acid

calcium hydroxide

sulfuric acid

potassium permanganate

acetic acid

For the following compounds, write the chemical formula, determine the formula mass, and calculate the percent composition of OXYGEN in the compound. Show all work and box the answer. Units should be **percent oxygen**

water

potassium sulfite

carbon dioxide

calcium hydroxide

sodium nitrate

sodium hydroxide

sodium nitrite

potassium hydroxide

potassium sulfate

potassium chlorate

