

Topic List for Stoichiometry Unit
General Chemistry

exact amounts; economic impact

making baking soda $\text{Na}_2\text{O}(\text{s}) + 2\text{CO}_2(\text{g}) + \text{H}_2\text{O}(\text{l}) \rightarrow 2\text{NaHCO}_3(\text{s})$

carburetor or fuel injector $2\text{C}_8\text{H}_{18}(\text{l}) + 25\text{O}_2(\text{g}) \rightarrow 16\text{CO}_2(\text{g}) + 18\text{H}_2\text{O}(\text{l})$

air bag in a car

“Stoichiometry Island Diagram”

theoretical, actual, and percent yield

batting average

stoichiometry lab with baking soda and 6 M HCl

limiting and excess reactant

assume one is correct and find out how much of the other you need