Using Dimensional Analysis With Stoichiometry

What You Are Given

What You Are Looking For

Volume of a reactant that reacts or volume of a product that is formed

> Use Density

Mass of a reactant that reacts or mass of a product that is formed

Use Molar Mass

Mass

Number of moles of a reactant that reacts or number of moles of a product that is formed

Use coefficients in the balanced

Stoichiometry

chemical reaction

Number of moles of a different reactant that reacts or of a different product that is formed

Use Molar Mass

Volume of a different reactant that reacts or of a product that is formed

Use Density

Mass of a different reactant that reacts or mass of a different product that is formed