12.1 The Arithmetic of Equations > Using Equations

Balanced Chemical Equations

The calculations of quantities in chemical reactions is a subject of chemistry called **stoichiometry**.

- For chemists, stoichiometry is a form of bookkeeping.
- It allows chemists to tally the amounts of reactants and products using ratios of moles or representative particles.

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W. P. Turnbull

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given that the boiling points of ethanol and methanol 78 c and 64 c respectively are far off in a significant way this seems like a valid conclusion conclusion thermometer calibrations are necessary in order to collect reliable information as precise calculations are imperative to gathering correct results

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