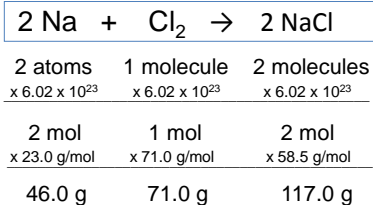


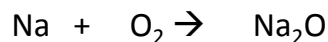
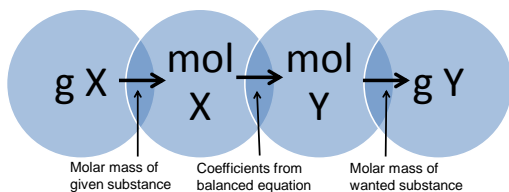
## Stoichiometry

The part of chemistry that deals with proportions of substances

In chemical reactions



### Linear Steps for Stoich



- How many moles of  $\text{Na}_2\text{O}$  can be formed from 10.0 mol Na (with excess  $\text{O}_2$ )?
- How many moles of  $\text{O}_2$  would be needed to produce 83 mol  $\text{Na}_2\text{O}$ ?
- How many grams of  $\text{O}_2$  are needed to react with 10.0 mol Na?
- How many moles of  $\text{Na}_2\text{O}$  can be produced from 4.28 g  $\text{O}_2$ ?
- How many grams of  $\text{O}_2$  are needed to react with 3.57 g Na?

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