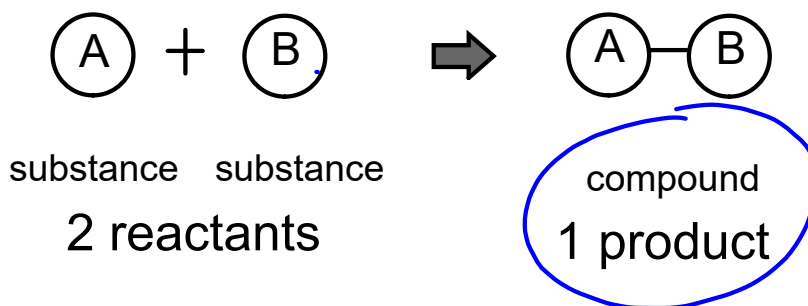
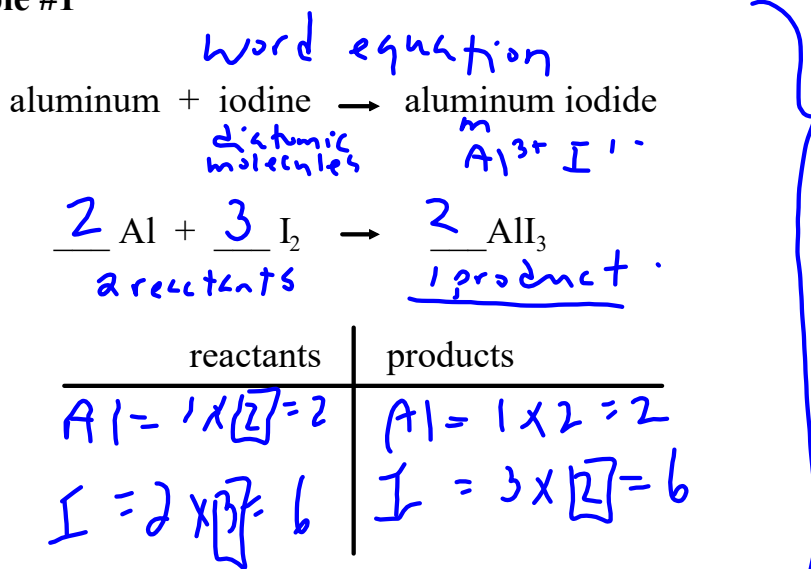


# Formation Reactions

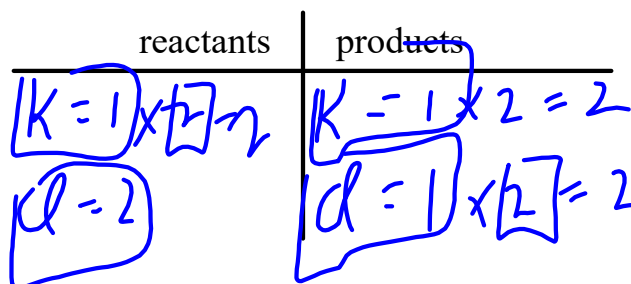
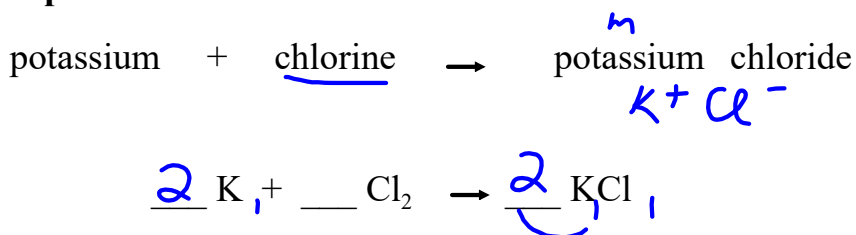
## General Format



### Example #1

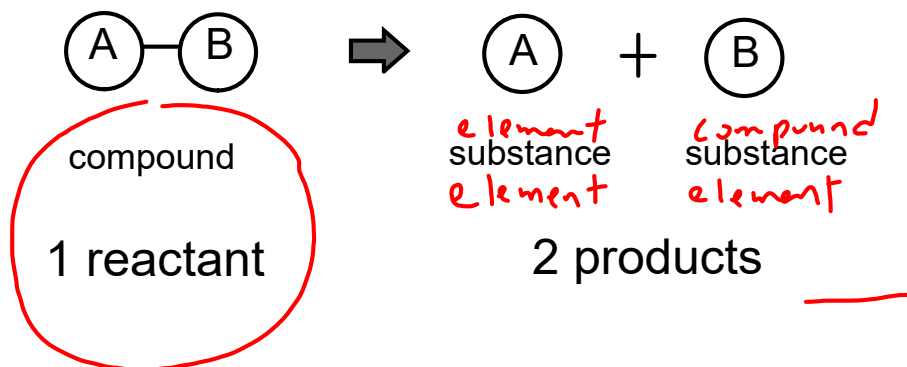


### Example #2

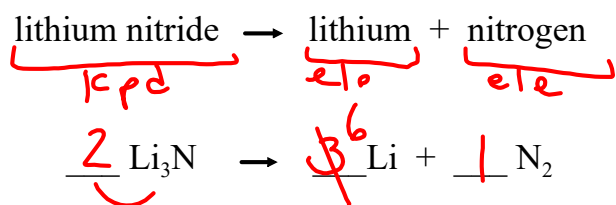


## Decomposition Reactions

General Format



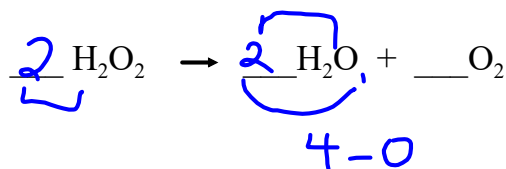
### Example #1



reactants	products
$\text{Li} = 3$	$\text{Li} = 1 \times \boxed{3} = 3$
$\text{N} = 1 \times \boxed{2} = 2$	$\text{N} = 2$

### Example #2

hydrogen peroxide  $\rightarrow$  water + oxygen



reactants	products
$\text{H} = 2$	$\text{H} = 2$
$\text{O} = 2$	$\text{O} = 3$

$\frac{0.5}{1}$

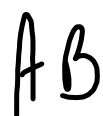
**Worksheet: Formation and Decomposition Reactions**

Formation:



1 product

Decomposition:



1 reactant