

Bellringers: Wednesday 12/10 to Friday 12/12

Wednesday 12/10 – Counting Atoms in Compounds

Fill in the blank

Directions:

For each compound below, count the total number of each element present.

Be sure to account for **subscripts, parentheses, and coefficients**.

1. $2\text{Al}_2(\text{SO}_4)_3$

Al: _____

S: _____

O: _____

2. $\text{Ca}_3(\text{PO}_4)_2$

Ca: _____

P: _____

O: _____

3. $4\text{NH}_4\text{NO}_3$

N: _____

H: _____

O: _____

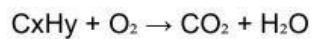
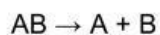
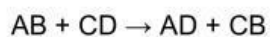
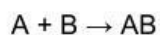
Thursday 12/11 – Types of Chemical Reactions

Drag and drop format

Directions:

Each reaction pattern below represents a different type of chemical reaction.

Drag and drop each reaction name to the proper reaction.



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- Synthesis
 - Decomposition
 - Single Displacement
 - Double Displacement
 - Combustion
-

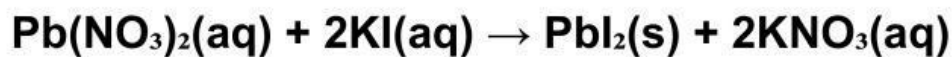
Friday 12/12 – Double Displacement Reaction

Analyze the equation

Directions:

The equation below represents a **double displacement reaction**.

Count the number of elements on the REACTANT SIDE and the PRODUCT SIDE



Reactants		Products	
Pb		Pb	
N		N	
O		O	
K		K	
I		I	

Are the numbers of each element the same on both sides?