

## Bellringers: Wednesday 12/10 to Friday 12/12

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### Wednesday 12/10 – Counting Atoms in Compounds

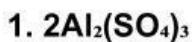
*Fill in the blank*

**Directions:**

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

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

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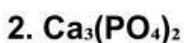


Al: \_\_\_\_\_

S: \_\_\_\_\_

O: \_\_\_\_\_

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Ca: \_\_\_\_\_

P: \_\_\_\_\_

O: \_\_\_\_\_

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N: \_\_\_\_\_

H: \_\_\_\_\_

O: \_\_\_\_\_

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### Thursday 12/11 – Types of Chemical Reactions

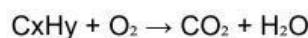
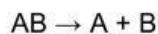
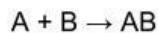
*Drag and drop format*

**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

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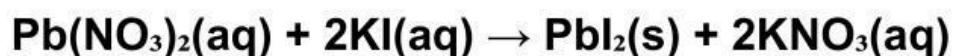
## Friday 12/12 – Double Displacement Reaction

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?