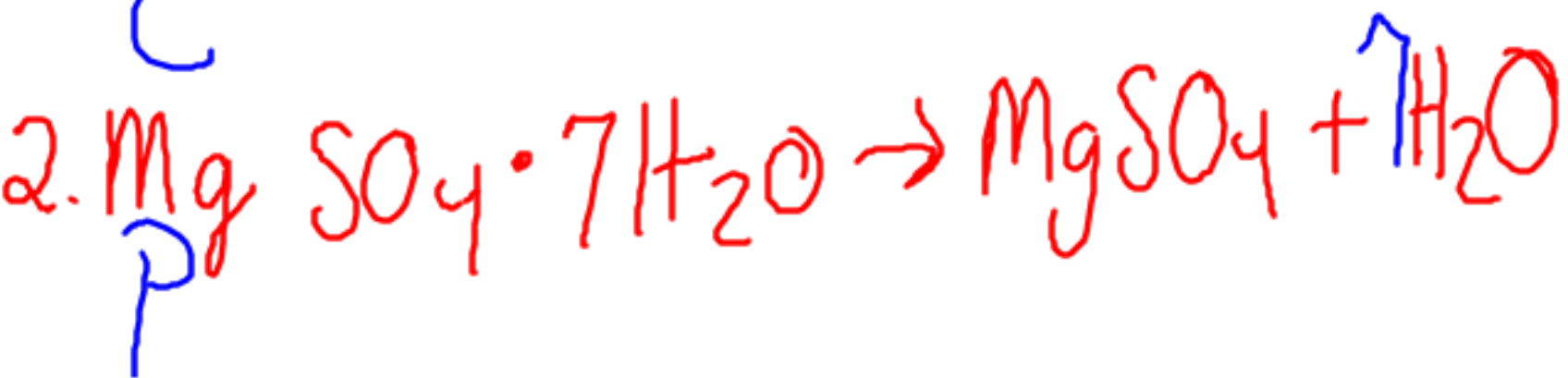
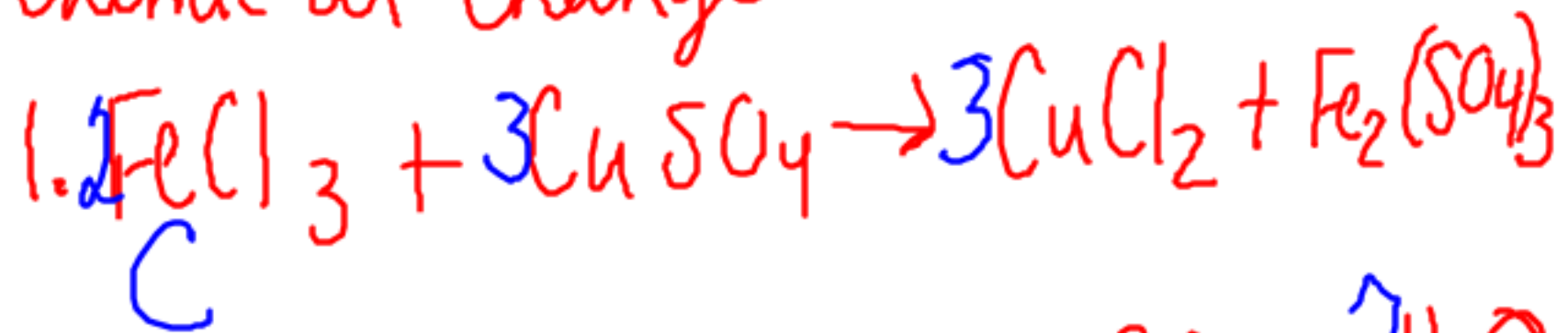


Launch Activity

Balance the following equations & determine if they produce physical or chemical changes.



Synthesis Rxn

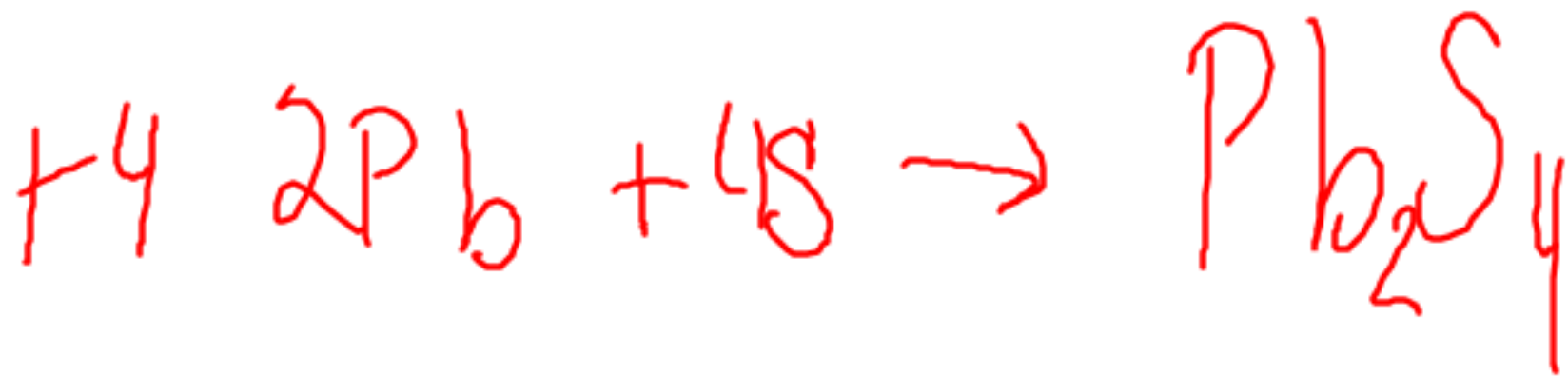
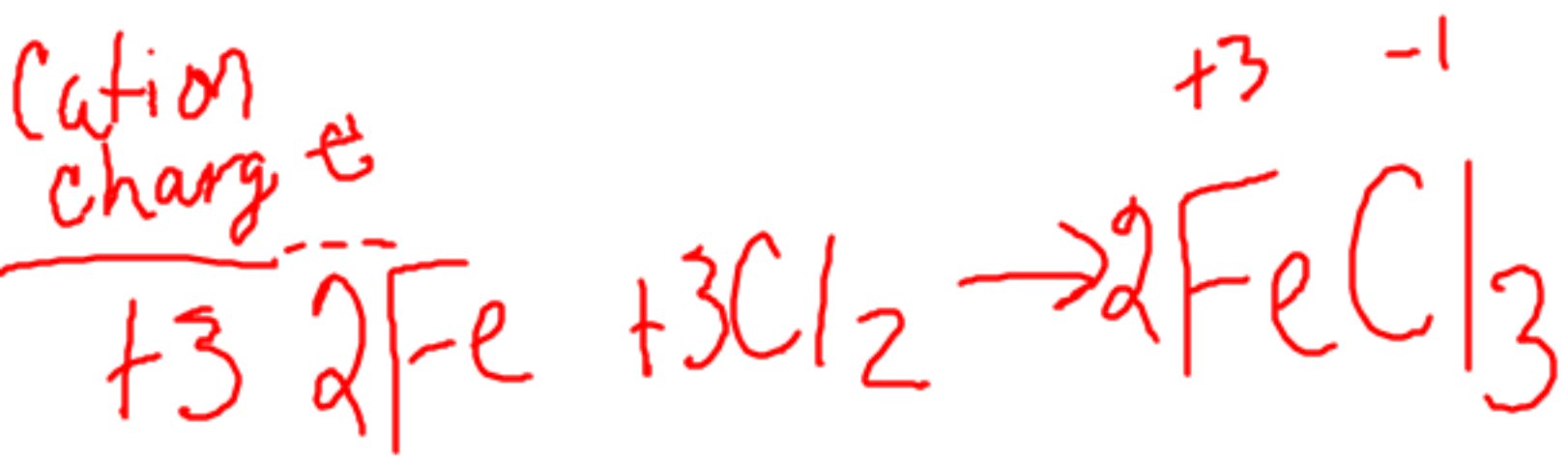
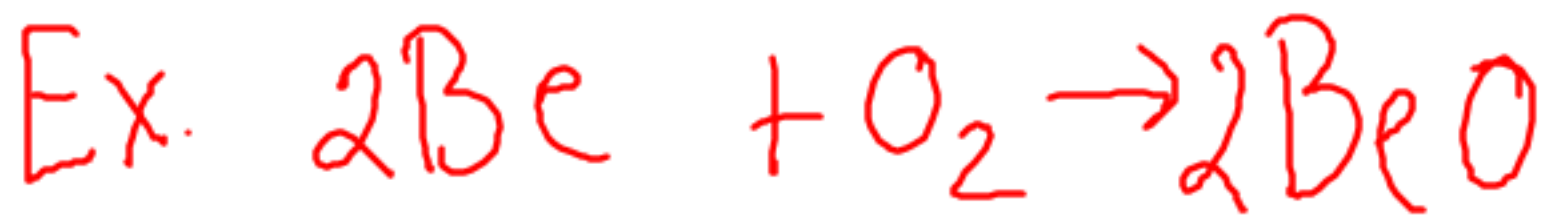
* Two elements come together to form a new comp.

General Equation:



Steps to writing a synthesis rxn

1. Write the two elements together
NO SUBSCRIPTS!!!
2. Make the correct cmp.
based on the charges.
3. Balance the equation.



Decomposition Rxn

* The breakdown of a comp. into its elemental parts.

General Equation:



Steps to Decompose Rxn

1. Split the comp in $\frac{1}{2}$. Write the 2 elements w/ no subscripts.
2. Check for diatomic molecules.
3. Balance the equation.

