## STEPS TO PREDICTING PRODUCTS

1. ***Write out reactants*** as formulas, balancing charges correctly (know your ions…) using subscripts
2. ***Identify type of reaction*** as synthesis, decomp, combustion, single replacement, or double replacement
3. ***Predict products*** based on type of reaction identified
4. ***Write products correctly*** by balancing charges using subscripts
5. ***Balance*** your reaction using coefficients
6. *For single replacement reactions, use an ***activity series*** to determine if reaction will actually take place
7. **For single and double replacement reactions, must write them in **NET IONIC** using solubility rules when requested

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