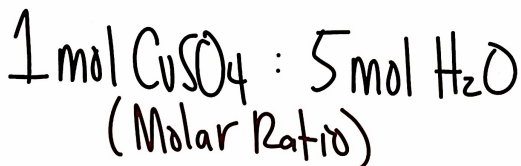
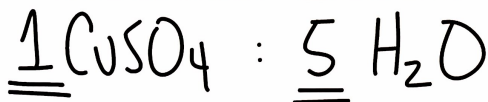
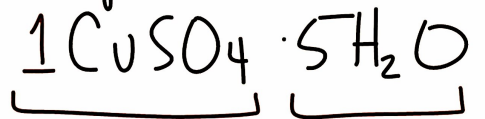


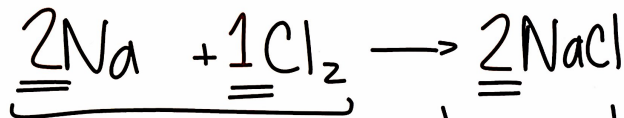
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Coefficients (Ind. Particles) | Molar Ratio (mol Particles)

Hydrate

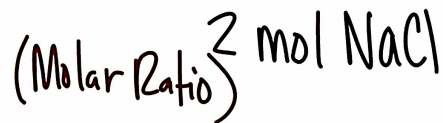
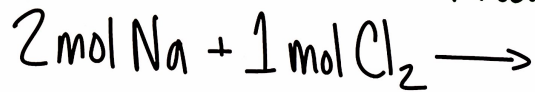


Reaction



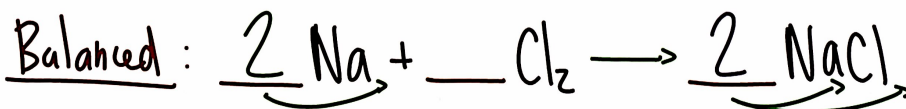
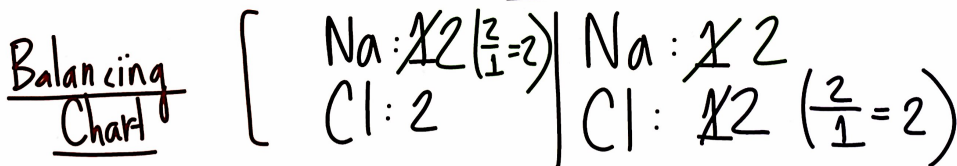
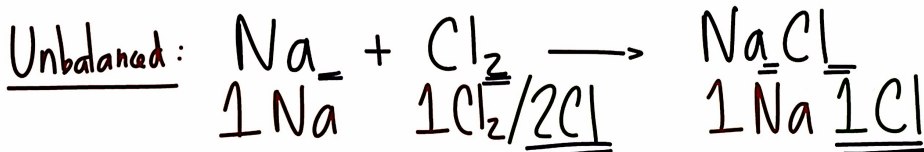
Reactants

Products

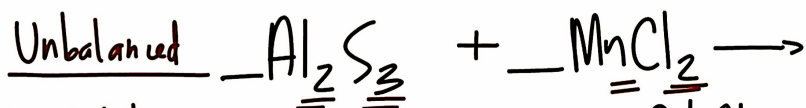


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Balancing Rxns: Make #atoms/mol the same
(conservation of matter) on both sides of rxn.

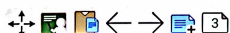
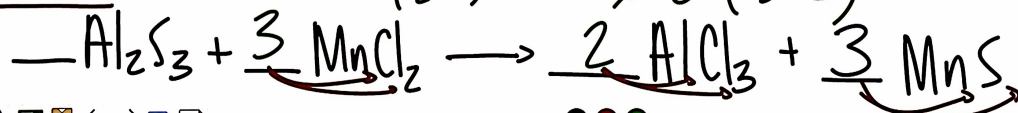
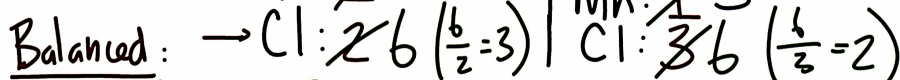
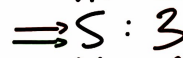
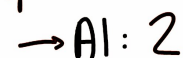


Balancing Rxns: 2:3 (6) or 3:4 (12) Ratio



① 1st step

② 2nd step



Balancing Rxn: Polyatomic Ions: $(\text{X}_b\text{Z}_c)_d$ Keep Whole

