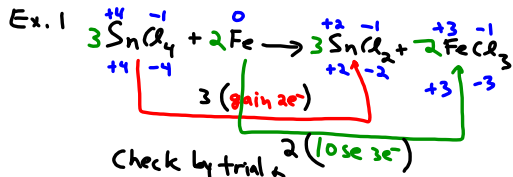
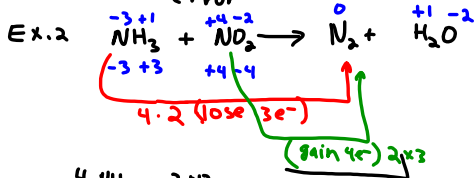


Balance Redox Equations Using Oxidation Numbers



Check by trial & error

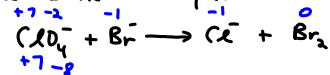


Questions p. 749 #33, 34

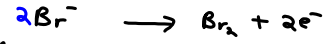
Balance Half Reactions

* Useful for net ionic equations.
* Reactions in acidic (H⁺) or basic (OH⁻) solutions.

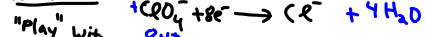
Balance the net ionic equation in acidic conditions.



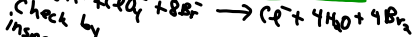
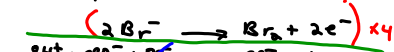
Oxidation $\frac{1}{2}$ rxn -



Reduction -



"Play" with H⁺ & OH⁻



check by inspection

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