

WS #5 Balancing Redox Reactions in Acid and Basic Solution

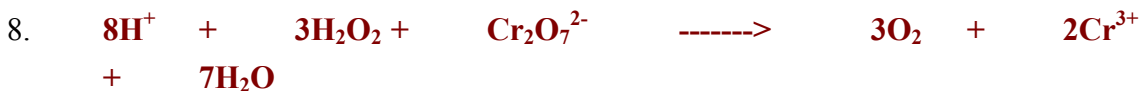
Balance each redox equation. Assume all are spontaneous. Use the half reaction method.



Balance each half reaction in basic solution.

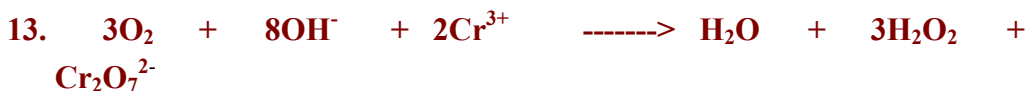


Balance each redox reaction in acid solution using the half reaction method.

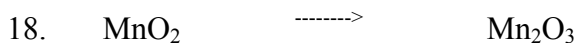




Balance each redox reaction in basic solution using the half reaction method.



State of the change represents oxidation, reduction or neither (use oxidation #s).



reduction



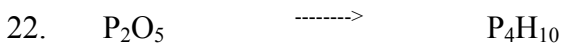
oxidation



reduction

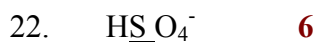


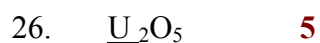
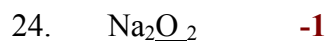
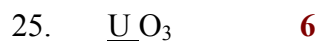
reduction



reduction

Determine the oxidation number





Harder Balancing Questions - **DISPROPORTIONATION**

