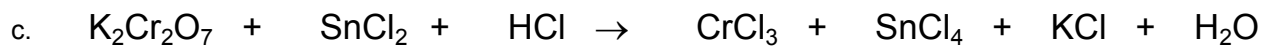
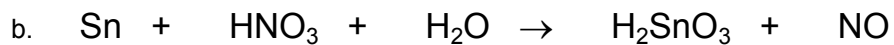
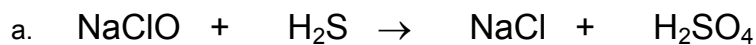


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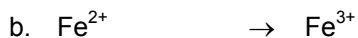
Unit 6: Redox Reactions and ElectrochemistryAssignment 2 Balancing Redox Reactions

1. Balance the following reactions using the oxidation number method.

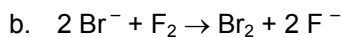
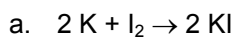


Name: _____

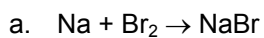
2. Balance the following half-reactions. Be sure to balance for atoms first, then balance for charge by adding electrons to the appropriate side of the equation. Also identify each as either an oxidation or reduction.



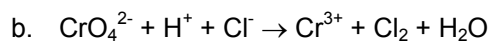
3. Break each equation into two half-reactions. Identify each half-reaction as oxidation or reduction.



4. Balance the following reactions using the half-reaction method.



Name: _____



Remember to balance for atoms before adding electrons to balance for charge.

5. Balance the following reactions using either the oxidation number method or the half-reaction method.

