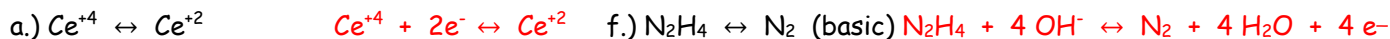
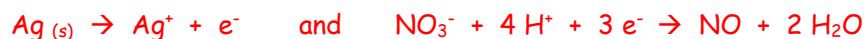
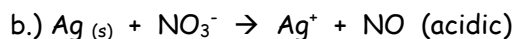


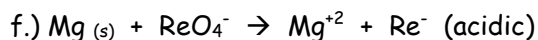
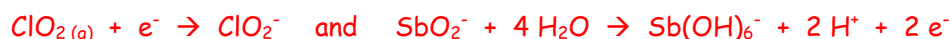
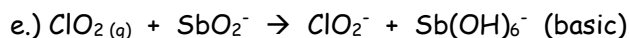
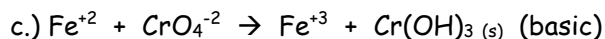
Worksheet - Balancing Redox

1.) Balance the half-reactions below.

2.) Use the following half-reaction for the following questions: $MnO_4^- \leftrightarrow MnO_2$ d.) Look at how the electron amounts change from reactants to products. Is this a reduction or oxidation reaction? **Reduction (gained 3 e⁻)**

3.) Balance the following equations using the half-reaction method.





4.) No balance the same equations using the oxidation number method.

