

## Redox Exercise

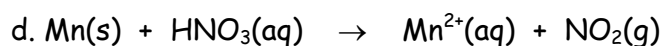
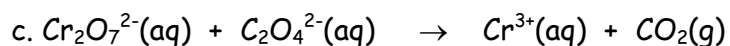
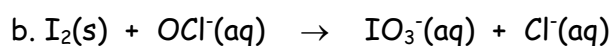
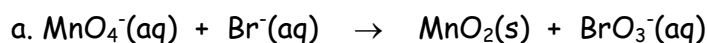
Main URL for Redox Reactions:

[http://www.chem.vt.edu/RVGS/APChem/Notes/oxidation\\_numbers.html](http://www.chem.vt.edu/RVGS/APChem/Notes/oxidation_numbers.html)

1. List the steps to follow in balancing a redox reaction taking place in an acidic solution. Then practice the balancing the following reactions by the half-reaction method.

### Exercise 1 - Balancing Redox Equations for Reactions Run in Acidic Conditions:

Balance the following redox equations for reactions run in acidic conditions.

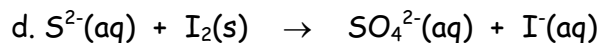
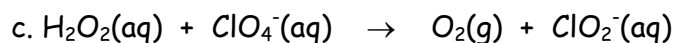
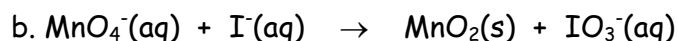
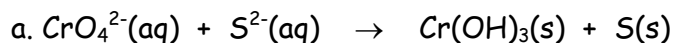


[http://www.mpcfaculty.net/mark\\_bishop/redox\\_balance\\_half\\_acid\\_exercise.htm](http://www.mpcfaculty.net/mark_bishop/redox_balance_half_acid_exercise.htm)

2. List the steps to follow in balancing a redox reaction taking place in a basic solution. Then practice the balancing the following reactions by the half-reaction method.

[http://www.mpcfaculty.net/mark\\_bishop/redox\\_balance\\_half\\_base.htm](http://www.mpcfaculty.net/mark_bishop/redox_balance_half_base.htm)

### Exercise 2 - Balance the following redox equations for reactions run in basic conditions.



[http://www.mpcfaculty.net/mark\\_bishop/Redox\\_balancing.htm](http://www.mpcfaculty.net/mark_bishop/Redox_balancing.htm)