



Thomas Haney Secondary School

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Unit 1: Chemistry

LG 5 Test

Study Guide

- WHMIS
- Spotting danger in the lab
- PPE
- ACID + BASE = NEUTRALIZATION
- COVALENT BONDS.....NM + NM = COVALENT/MOLECULAR
- IONIC BOND...METAL + NON-METAL
- POLYATOMIC ION
- CN^- NH_4^+ PO_4^{3-}
- Subscripts#/Superscripts#
- Roman Numerals (I) (II) (III)
- Synthesis $\text{H}_2 + \text{O}_2 \rightarrow \text{H}_2\text{O}$
- Single Replacement $\text{HCl} + \text{O}_2 \rightarrow \text{H}_2\text{O} + \text{Cl}_2$
- Double Replacement = $\text{HCl} + \text{NaOH} \rightarrow \text{HOH} + \text{NaCl}$
- Decomposition = $\text{H}_2\text{O} \rightarrow \text{H}_2 + \text{O}_2$
- Combustion = $\text{CH}_4 + \text{O}_2 \rightarrow \text{H}_2\text{O} + \text{CO}_2$
- Neutralization ** $\text{HCl} + \text{NaOH} \rightarrow \text{HOH} + \text{NaCl}$
- Exothermic Reactions
- Endothermic Reactions
- Organic vs Inorganic