**MR.HALPER/RCHEM**

**VIDEO NOTES LAB ASSIGNMENT**

**DIRECTIONS:**

**USING CHROMEBOOKS WATCH THE VIDEO “PROPERTIES/MODELS OF ACIDS & BASES” FROM MY WEBSITE**

* List 10 properties of acids
* List 10 properties of bases
* Give 4 examples of everyday common acids
* Give 4 examples of everyday common bases
* Define an Arhenius Acid
	+ What happens to an acid when you put it in water?
	+ Give an example of a chemical reaction with water (write it out)
	+ What ion is always used to identify an acid?
* Define an Arhenius Base
	+ What happens to a base when you put it in water?
	+ Give an example of a chemical reaction with water (write it out)
	+ What ion is always used to identify a base?
* Define a Bronsted-Lowry Acid
	+ Write an equation using a B-L acid/Identify the acid
* Define a Bronsted-Lowry Base
	+ Write an equation using a B-L base/Identify the base
* For the following reaction, identify the B-L acids and bases
	+ List the conjugate acid-base pairs

**HCl + H2O = Cl- + H3O+**