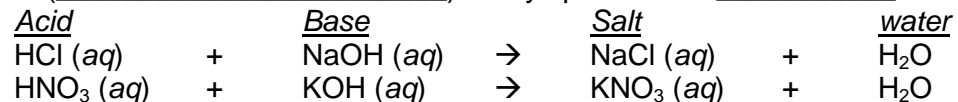


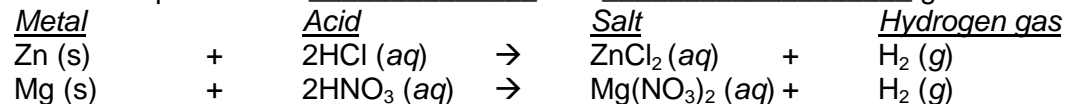
Properties of Acids and Bases

<u>Examples of acids:</u>	Acids	Bases	<u>Examples of bases:</u>
<p><i>Strong Acids ionize completely:</i></p> <p>_____ nitric</p> <p>_____ – hydrochloric</p> <p>_____ – sulfuric</p> <p><i>Weak Acids ionize slightly:</i></p> <p>_____ – acetic</p> <p>_____ – phosphoric</p>	Taste _____	Taste _____	
	pH _____ than 7	pH _____ than 7	
	Acids effect indicators:	Acids effect indicators:	
	Acids turn _____ litmus to _____	Bases turn _____ litmus to _____	
	Acids turn methyl orange to _____	Bases turn methyl orange to _____	
		Bases turn phenolphthalein to _____	
	Acids _____ bases	Bases _____ acids	
	Proton _____ (Proton = H ⁺ = hydrogen ion)	Proton _____ (Proton = H ⁺ = hydrogen ion)	
Increase _____ ion concentration in solution	Increase _____ ion concentration in solution		
Acids are _____	Bases are _____		
Acids react with carbonates to produce a salt, water and _____			
Acids react with active _____ to produce _____ gas	Bases feel _____		

Reaction of an acid with a base (_____) always produces a _____ and _____:



Reaction of an acid with an active metal produces a _____ and _____ gas:



Reaction of an acid with a carbonate produces a _____, _____ and _____ gas:

