Name _____ Period _____ Date _____

Practice Acids and Bases Part 1

To organize your knowledge and study for the quiz, generate and complete a similar table

	Acids	**Bases**
Definitions	release H^+ ions ("proton donors")	catch H^+ ions ("proton acceptors") or release OH^- ions (hydroxide ions)
Both …	**a)**	
	b)	
	c)	
Examples		
Taste, feel etc.		
Typical reactions	**With active metals**	**Release OH=**
	With carbonates	**Catch H+**
	With bases (neutralization)	**With acids (neutralization)**
Anhydrides **Definition**	**Acidic anhydrides (nonmetal oxide)**	**Basis anhydrides (metal oxide)**
Examples		
Strong or weak Definition Examples strong Examples weak		
pH		
More definitions	**Proton** **Hydronium ion** **Monoprotic** **Diprotic** **Triprotic**	**Hydroxide**

How are acidic anhydrides (nonmetal oxides) relates to acid rain?
Describe the chemical process of how sand stone buildings are damaged by acid rain?
How can lime, a basic anhydride (CaO) help regenerate acid soil?