

PRACTICE: Acids & Bases Nomenclature

Name: _____

KEY

Chemistry

Date: _____ Hour _____

Let's Practice!*Write the formula for or name the following acids using the IUPAC rules.*

1)	HClO_4	Perchloric Acid	(ACID)	VIDEO	
2)	H_3PO_4	Phosphoric Acid	(ACID)	VIDEO	
3)	NaOH	Sodium Hydroxide	(BASE)		
4)	HCN	Hydrocyanic Acid	(ACID)		
5)	HCl	Hydrochloric Acid	(ACID)	VIDEO	
6)	H_2SO_4	Sulfuric Acid	(ACID)	VIDEO	
7)	Ca(OH)₂	Calcium Hydroxide	(BASE)		
8)	HNO_2	Nitrous Acid	(ACID)	VIDEO	
9)	HI	Hydroiodic Acid	(ACID)		
10)	Fe(OH)₂	Iron (II) Hydroxide	(BASE)		
11)	HClO_2	Chlorous Acid	(ACID)		
12)	HC_2O_4	Oxalic Acid	(ACID)	VIDEO	
13)	Al(OH)_3	Aluminum Hydroxide	(BASE)		
14)	$\text{H}_2\text{Cr}_2\text{O}_7$	Dichromic Acid	(ACID)	VIDEO	VIDEO 2
15)	HMnO_4	Permanganic Acid	(ACID)		
16)	HSe_2	Hydroselenic Acid	(ACID)		
17)	Acetic acid	$\text{HC}_2\text{H}_3\text{O}_2$			
18)	Hydrophosphoric acid	H_3P			
19)	Chloric acid	HClO_3			
20)	Hydrofluoric acid	HF		VIDEO	
21)	Cobalt (II) hydroxide	Co(OH)_2			
22)	Carbonic acid	H_2CO_3		VIDEO	
23)	Lithium hydroxide	LiOH			
24)	Hydrobromic acid	HBr		VIDEO	
25)	Sulfurous acid	H_2SO_3		VIDEO	
26)	Magnesium hydroxide	Mg(OH)_2			
27)	Nitric acid	HNO_3		VIDEO	
28)	Nitrous acid	HNO_2			
29)	Chromic acid	H_2CrO_4		VIDEO	
30)	Hypochlorous acid	HClO		VIDEO	VIDEO 2
31)	Hydrosulfuric acid	H_2S			
32)	Beryllium hydroxide	Be(OH)_2			