

Acids and Bases Worksheet

 Acids and bases share some properties but are different in others. Use the samples at the side of the class to complete the chart. If both acids and bases share the property, place it in both columns.

Property	Acids	Bases	
Conductivity in Aqueous Solution	very	very	
Taste	Sove	Bitter	
Feel		Slippery	
Reaction with Metal	produces H2 gas		
Reaction with Carbonate	produces Cb2 gas		
Colour on Litmus Paper	Red	Blue.	
Colour with Universal Indicator	Red	Purple.	
Colour with phenolphthalein	Colouriess	Dink.	

2. Indicate if each compound is an acid or base and name it.

	Acid/Base?	Name
HNO ₃	A	nitric acid
Mg(OH)₂	_B_	magnesium hydroxide
H ₃ PO ₄	A	Phosphoric acid
H ₂ CO ₃	A	ourbonic acid
HF	A	hydrofluoric acid
Fe(OH)₃	B	iron (111) hydroxide.

3. Write the formula for each of the following acids/bases:

hydrochloric acid	HCI_	hydrochloric acid	HCI
aluminum hydroxide	AI(OH)3	sodium hydroxide	NaOH
lithium hydroxide	LIOH	calcium hydroxide	Ca(OH)2
sulfuric acid	H2504	sulfurous acid	H2503

Section 19 Acids And Bases Answer Key

J Rink

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