

General Chemistry

[Return to Game Selection Page](#)

Single Jeopardy: Acids and Bases

Arrhe- nius	Bronsted	Lewis	Strengths	pH	Pot- pourri
50	50	50	50	50	50
100	100	100	100	100	100
150	150	150	150	150	150
200	200	200	200	200	200
250	250	250	250	250	250

Arrhenius

50	Formula of any base.	
100	formula of any acid	
150	a diprotic acid	
200	a diprotic base	
250	acid + base \longrightarrow	

Bronsted

50	acid	
100	base	
150	acid reacts to form it	
200	not an Arrhenius	
250	amphoteric liquid	

Lewis

50	base	
100	acid	
150	formula of any acid	
200	formula of any base	
250	formed in acid-base reaction	

Strengths

50	stronger acid than H_2O	
100	weaker acid than H_2O	
150	stronger base than H_2O	
200	stronger base than NH_2^-	
250	same as HCl in H_2O	

pH

50	halide salt giving $\text{pH} > 7$	
100	salt giving $\text{pH} \approx 7$	
150	any acid anhydride	
200	example of a buffer	
250	value for normal acid rain	

Potpourri

50	$-\log[\text{OH}^-]$	
100	conjugate acid for CH_3^-	
150	anhydride of H_3PO_4	
200	pH value for 0.1M NaOH	
250	pH value for .1M $\text{Ca}(\text{OH})_2$	