

IONIZATION ENERGY



		TOPICS COVERED						
Level	Level Name	Octet Rule	Cation formation	Anion formation	Valence electrons / Specific ion charges	Ionization Energy Trends	Electron Affinity Trends	Ionic radii
1T	A positive ion	x	x					
2T	A negative ion	x		x				
3T	Energy	x	x	x				
4T	Energy trends	x	x			x		
5	Practicing trends	x	x	x	x	x		
6T	2+ and 3+	x	x		x	x		
7	Practice	x	x	x	x	x		
8T	2- and 3-	x		x	x		x	
9	On your own	x	x	x	x		x	
10	More choices	x	x	x	x	x	x	
11	A new target	x	x	x	x	x	x	
12	1 mystery target	x	x	x	x	x	x	
13	3 mystery targets	x	x	x	x			
14	Almost there	x	x	x	x	x		
15	Mastering ions	x	x	x	x	x	x	
SA1	1- ion	x		x	x			
SA2	3- ion	x		x	x			
SA3	1+ ion	x	x		x			
SA4	3+ ion	x	x		x			
SA5	Ion smaller than its parent atom	x	x					x
SA6	Ion larger than its parent atom	x		x				x
SA7	Negative ion with 10 electrons	x		x				
SA8	Positive ion with 10 electrons	x	x					
SA9	2- ion with 18 electrons	x		x	x			
SA10	2+ ion with 18 electrons	x	x		x			
SA11	1+ ion easier to ionize than Na	x			x	x		