RADII TRENDS

collisions
HIGHER EDUCATION

		TOPICS COVERED							
Level	Level Name	Atomic Neutrality	Pauli Exclusion Principle	Aufbau Principle	Hund's Rule	Atomic Radii Trends	d-orbitals	Electronegativity	Valence electrons
1T	One proton, one electron	x							
2T	Another atom	x	x						
3T	Another energy level	x	x	x					
4T	Order matters (Hund's Rule)	x	x	x	x				
5T	Radii matters	x	x	x	x	x			
6	Across a period	x	x	x	x	x			
7	Practicing trends	x	x	x	x	x			
8	Two in-between	x	x	x	x	x			
9	Down a group	x	x	x	x	x			
10	Putting it together	x	x	x	x	x			
11	Numbers no more	x	x	x	x	x			
12	Unlocking orbitals	x	x	x	x	x	x		
13	Mastering atoms	x	x	x	x	x	x		
SA1	Atom with 2 protons	x	x	x					
SA2	Atom with 10 protons	x	x	x	x				
SA3	Atom with 18 protons	x	x	x	x				
SA4	Atom with 36 protons	x	x	x	x				
SA5	Increasing radius 2 < ? < 10	x	x	x	x	x			
SA6	Increasing radius 10 < ? < 18	x	x	x	x	x			
SA7	Increasing radius 18 < ? < 36	x	x	x	x	x			
SA8	Atom with low electronegativity	x	x	x	x			x	
SA9	Atom with med electronegativity	x	x	x	x			x	
SA10	Atom with high electronegativity	x	x	x	x			x	
SA11	Atom with 4 valence electrons	x	x	x	x				x
SA12	Atom with 6 valence electrons and high electronegativity	x	x	x	x			x	x

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