

Atomic Structure

Name :

Date:

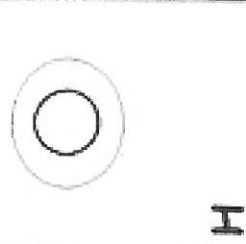
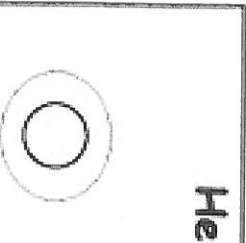
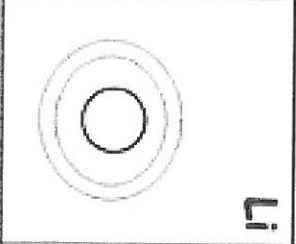
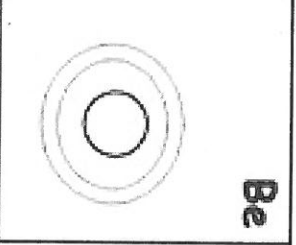
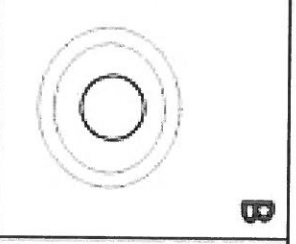
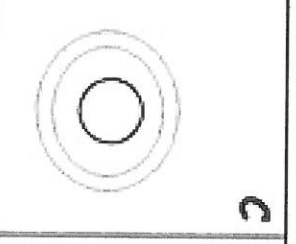
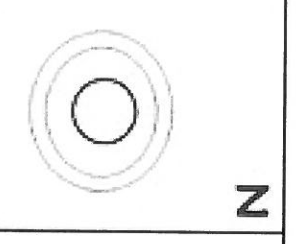
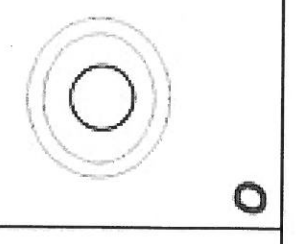
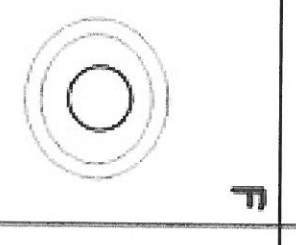
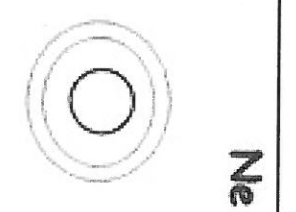
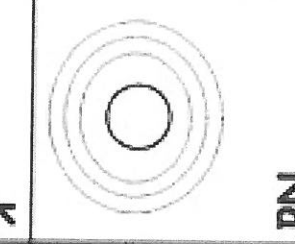
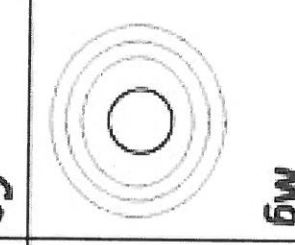
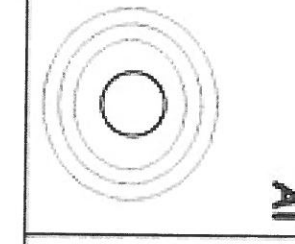
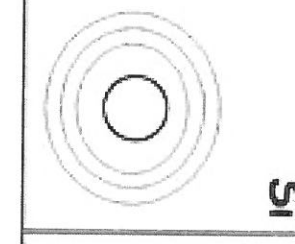
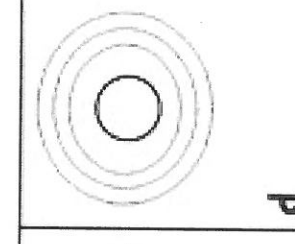
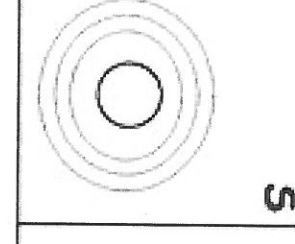
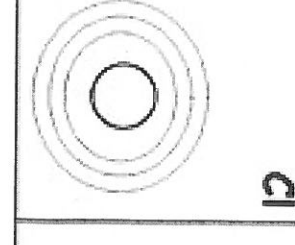
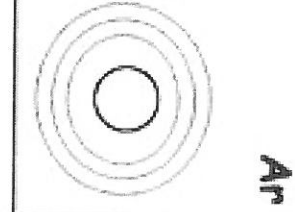
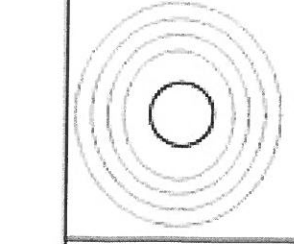
Protons = Atomic # Mass - Atomic # = Neutrons

electrons = protons

*round-off atomic mass use pg 179 or 486 in book

Element	Atomic Number	atomic mass	Number of protons	Number of Neutrons	Number of electrons
Hydrogen	1	1	1	0	1
Helium	2	4	2	4 - 2 = 2	2
	3			7 - 3 = 4	
	4				
	5				
	6				
	7				
	8				
	9				
Neon	10	20	10	10	10
	11				
	12				
	13				
	14				
	15				
	16				
Chlorine	17				
Argon	18				
	19				
	20				
Cesium					

Task: Draw Bohr diagrams of the first 20 elements include Symbols & Atomic Numbers, as well as the correct number of Protons & Neutrons in the nucleus and Electrons in their appropriate shells.

H 									He 
Li 	Be 	B 	C 	N 	O 	F 	Ne 		
Na 	Mg 	Al 	Si 	P 	S 	Cl 	Ar 		
K 	Ca 