

Atomic Structure Review Packet 2021

Name _____

Atomic Structure



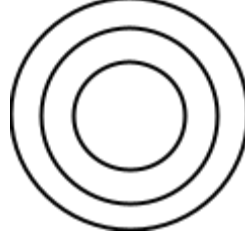
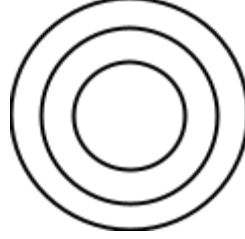
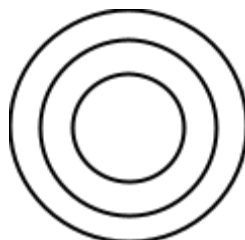
Fill in the blanks in the following table. Please keep in mind that the atomic masses are rounded to the nearest whole number

Atomic symbol	Atomic number	Protons	Neutrons	Electrons	Atomic mass
B			6		
	11				23
		31	39		
				39	89
	29		35		
		43			98
Pb					207
			103	70	
		89			227
Mo			54		
	81				204
	100		157		
No					259
Th					
		106	157		

Bohr Atomic Model

How many electrons can each shell hold?

1st = _____ 2nd = _____ 3rd = _____

Element	Atomic #	Atomic Mass	Protons	Neutrons	Electrons	Bohr Model
Carbon	6	12	6	6	6	
Hydrogen	1	1				
Lithium	3		3		3	
Magnesium	12	24				
Boron	5	11				

Lewis Dot Atomic Model

Fill in the Blank Periodic Table Below With the Lewis Dot Structures for each of the First 18 Elements. The Groups are labeled and Hydrogen has been done for you.

1 2 3 4 5 6 7 8
