



Parts of an atom worksheet

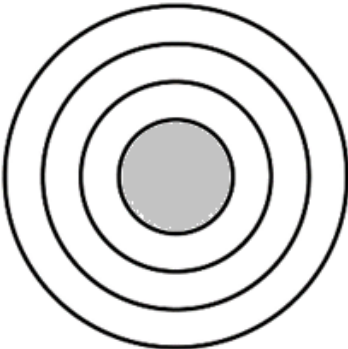
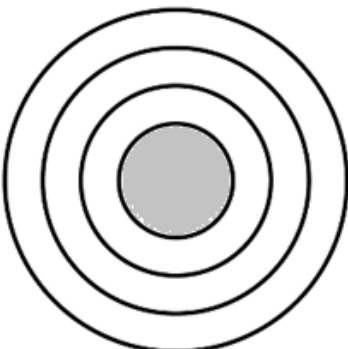
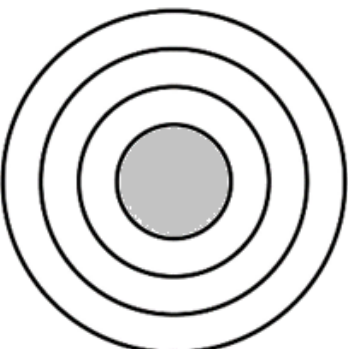
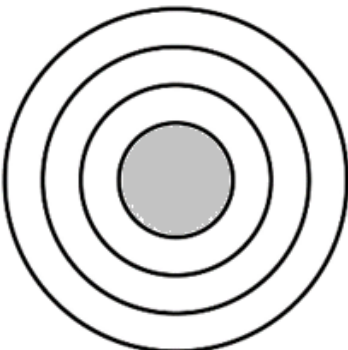
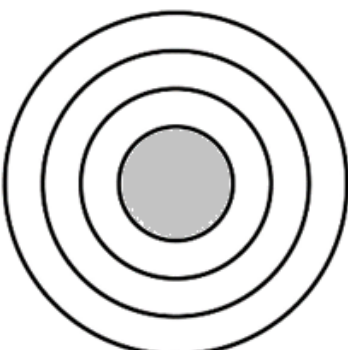
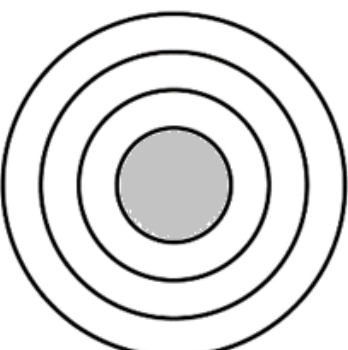
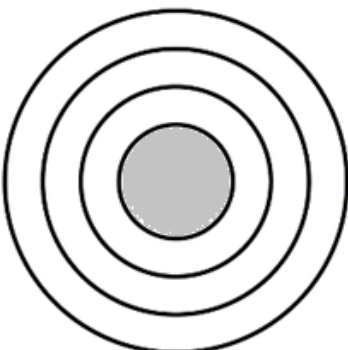
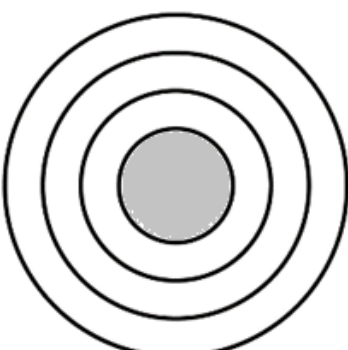
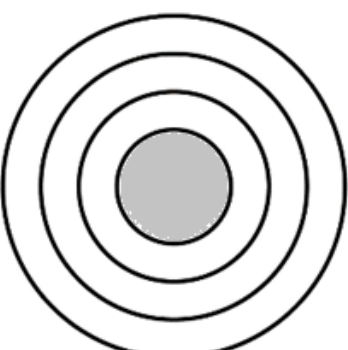
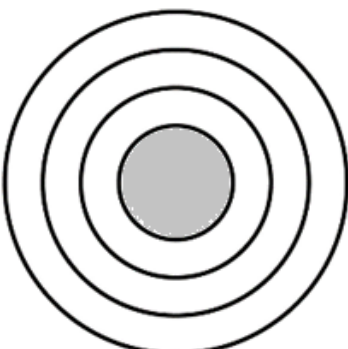
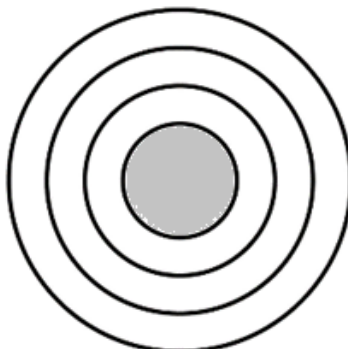
Complete the following table for each atom.

Then draw the Bohr-Rutherford diagram for each atom on the second sheet.

Element Name	Standard Notation	Atomic Number	Atomic Mass	Protons	Electrons	Neutrons
	$^{39}_{18}\text{Ar}$					
Carbon						
		1	2			
	^7_3Li					
Oxygen-16						
	^9_4Be					
Sodium-23						
				7		7
	$^{23}_{11}\text{Na}^{+1}$					
Neon-20						
	$^{30}_{15}\text{P}^{-3}$					
				16	18	16

Protons = Electrons = Atomic number

Neutrons = Atomic Mass – Atomic Number

Element Name: 	Element Name: 	Element Name: 
Element Name: 	Element Name: 	Element Name: 
Element Name: 	Element Name: 	Element Name: 
Element Name: 	Element Name: 	Element Name: 