

# Atomic Structure Worksheet

Complete the following table:

Element/Ion	Atomic Number	Mass Number	Number of Protons	Number of Neutrons	Number of Electrons	Charge
$^{27}_{13}\text{Al}$						
Xe			54	77		
$^{33}_{16}\text{S}$						
U		235			92	
Ge	32			38		
Charged	Br			45	36	
	Ca	20		20	18	
	Sr		90	38		+2

Element/Ion	Atomic Number	Mass Number	Number of Protons	Number of Neutrons	Number of Electrons	Charge
P		31			15	
Sb		122	51			
I		134				
Po				125	84	
Se	34			46		
Au		198		119		
Cr		53				
Charged	Fe	26		32	23	
	Ag		109	47		+1
	$^{24}_{12}\text{Mg}$					+2