

Periodic Table of Elements

Name _____

Name	Abbrev.	Atomic mass	Atomic #	# protons	# electrons	# neutrons	Electron Configuration
Hydrogen							
	He						
		9.01218					
			6				
				8			
					11		
						12	
							[Ar] 4s ² 3d ¹⁰ 4p ⁵
Barium							

12	← Atomic Number (equals number of protons and number of electrons in atom.)
C	← Chemical Symbol
12.0107	← Atomic weight (equals number of protons plus neutrons)
Carbon	← Element Name

To calculate the number of neutrons, subtract the atomic number (the number of protons) from the atomic weight and round to the nearest whole number.