



# 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 <sup>2</sup> 3d <sup>10</sup> 4p <sup>5</sup>
Barium							

12	←
C	←
12.0107	←
Carbon	←

Atomic Number (equals number of protons and number of electrons in atom.)

Chemical Symbol

Atomic weight (equals number of protons plus neutrons)

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.