

Name : _____ Score : _____ Date : _____

Periodic Table - Protons, Neutrons, and Electrons

Determine the number of protons, neutrons, and electrons for each element or ion. Write the atomic symbol for the element or ion as well.

	Hydrogen
Protons	
Neutrons	
Electrons	
Atomic Symbol	

	Carbon
Protons	
Neutrons	
Electrons	
Atomic Symbol	

	Oxygen
Protons	
Neutrons	
Electrons	
Atomic Symbol	

	Sodium ion
Protons	
Neutrons	
Electrons	
Atomic Symbol	

	Chlorine ion
Protons	
Neutrons	
Electrons	
Atomic Symbol	

	Magnesium
Protons	
Neutrons	
Electrons	
Atomic Symbol	

	Nitrogen
Protons	
Neutrons	
Electrons	
Atomic Symbol	

	Silver ion
Protons	
Neutrons	
Electrons	
Atomic Symbol	

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Periodic Table - Protons, Neutrons, and Electrons

Answers

	Hydrogen
Protons	1
Neutrons	0
Electrons	1
Atomic Symbol	H

	Carbon
Protons	6
Neutrons	6
Electrons	6
Atomic Symbol	C

	Oxygen
Protons	8
Neutrons	8
Electrons	8
Atomic Symbol	O

	Sodium ion
Protons	11
Neutrons	12
Electrons	10
Atomic Symbol	Na ⁺

	Chlorine ion
Protons	17
Neutrons	18
Electrons	18
Atomic Symbol	Cl ⁻

	Magnesium
Protons	12
Neutrons	12
Electrons	12
Atomic Symbol	Mg

	Nitrogen
Protons	7
Neutrons	7
Electrons	7
Atomic Symbol	N

	Silver ion
Protons	47
Neutrons	61
Electrons	46
Atomic Symbol	Ag ⁺