

Atoms and Ions Worksheet

Name _____ Period _____

Fill in the missing spaces in the charts below. Do **NOT** use your periodic table.

Element	Symbol	Atomic Number	Mass Number	Protons	Neutrons	Electrons
Carbon		6	14			
	O	8			10	
Potassium				19	20	
		19	41			
	¹⁹⁷ / ₇₉ Au					
Tin	Sn	50			68	
Zinc			64	30		
			66			30
			68	30		
Cobalt	Co	27			32	
Boron				5	6	
			10			5
	⁵⁶ / ₂₆ Fe					
		26			28	

Ion	Symbol	Atomic Number	Mass Number	Protons	Neutrons	Electrons
Iodine	I ⁻¹		127	53		54
	Cl ⁻¹		35	17		
Hydrogen			1	1		0
	Br ⁻¹	35			46	
		35	79			36
	B ⁺³	5	11			
Oxygen	O ⁻²		16	8		
Nitrogen				7	7	10
Aluminum	Al ⁺³		27			10
	Fe ⁺²		56	26		24
	Cu ⁺¹	29			34	
			63	29		27