NAME: **PD:** **DATE**

Atomic Dimension Work Sheet

The Table below contains information about several elements. Use this table to review the concepts of atomic number, mass number, number of subatomic particles, isotopes, and charged & uncharged atoms. In each case, enough information has been provided for you to fill in all the blanks.

ELEMENT	SYMBOL	ATOMIC #	# OF p+	# OF n	MASS #	# OF e^-	OTHER
Aluminum		13			27		Ion +3
Iron		26			56		
Manganese		25		30		23	
Copper		29		35			
Nitrogen			7	7		10	
	Cl		17		35		Ion –1
Magnesium					24	10	Ion +2
Helium		2			4		
	He	2			5		Isotope
Sodium		11		12		10	
Carbon					12	6	
	Si	14			28		
Oxygen		8			16		Ion –2
	Zn	30			65		Neutral Atom
Krypton				48	84		Stable
	C		6		14		Isotope
	Ag	47			108		
Calcium			20	20		18	
	I	53			127		Ion –1
Lithium		3			7	2	
	O		8		17		Isotope
Uranium					238	92	Neutral Atom
	U			143		92	Isotope