

Name-Surname _____ Class _____ No. _____

Atom & Element

Direction: Look at the periodic table and answer the questions in the table

Periodic Table of the Elements

Number		Symbol		Name		Mass	
1	1A	H		Hydrogen	1.008		
2	2A	He		Helium	4.003		
3	3A	B		Boron	10.811		
4	4A	C		Carbon	12.011		
5	5A	N		Nitrogen	14.007		
6	6A	O		Oxygen	15.999		
7	7A	F		Fluorine	18.998		
8	8A	Ne		Neon	20.180		
9	9A	Li		Lithium	6.941		
10	10A	Be		Beryllium	9.012		
11	11A	Na		Sodium	22.990		
12	12A	Mg		Magnesium	24.305		
13	13A	Al		Aluminum	26.982		
14	14A	Si		Silicon	28.086		
15	15A	P		Phosphorus	30.974		
16	16A	S		Sulfur	32.065		
17	17A	Cl		Chlorine	35.453		
18	18A	Ar		Argon	39.948		
19	19A	K		Potassium	39.098		
20	20A	Ca		Calcium	40.078		
21	21A	Sc		Scandium	44.956		
22	22A	Ti		Titanium	47.88		
23	23A	V		Vanadium	50.942		
24	24A	Cr		Chromium	51.996		
25	25A	Mn		Manganese	54.938		
26	26A	Fe		Iron	55.845		
27	27A	Co		Cobalt	58.933		
28	28A	Ni		Nickel	58.693		
29	29A	Cu		Copper	63.546		
30	30A	Zn		Zinc	65.38		
31	31A	Ga		Gallium	69.723		
32	32A	Ge		Germanium	72.63		
33	33A	As		Arsenic	74.922		
34	34A	Se		Selenium	78.96		
35	35A	Br		Bromine	79.904		
36	36A	Kr		Krypton	83.80		
37	37A	Rb		Rubidium	85.468		
38	38A	Sr		Strontium	87.62		
39	39A	Y		Yttrium	88.906		
40	40A	Zr		Zirconium	91.224		
41	41A	Nb		Niobium	92.906		
42	42A	Mo		Molybdenum	95.94		
43	43A	Tc		Technetium	98.907		
44	44A	Ru		Ruthenium	101.07		
45	45A	Rh		Rhodium	102.905		
46	46A	Pd		Palladium	106.42		
47	47A	Ag		Silver	107.868		
48	48A	Cd		Cadmium	112.411		
49	49A	In		Indium	114.818		
50	50A	Sn		Tin	118.71		
51	51A	Sb		Antimony	121.757		
52	52A	Te		Tellurium	127.6		
53	53A	I		Iodine	126.905		
54	54A	Xe		Xenon	131.29		
55	55A	Cs		Cesium	132.905		
56	56A	Ba		Barium	137.327		
57	57A	La		Lanthanum	138.905		
58	58A	Ce		Cerium	140.12		
59	59A	Pr		Praseodymium	140.908		
60	60A	Nd		Niobium	144.24		
61	61A	Pm		Promethium	144.913		
62	62A	Sm		Samarium	150.36		
63	63A	Eu		Europium	151.965		
64	64A	Gd		Gadolinium	157.25		
65	65A	Tb		Terbium	158.925		
66	66A	Dy		Dysprosium	162.50		
67	67A	Ho		Holmium	164.930		
68	68A	Er		Erbium	167.259		
69	69A	Tm		Thulium	168.934		
70	70A	Yb		Ytterbium	173.04		
71	71A	Lu		Lutetium	174.967		
72	72A	Hf		Hafnium	178.49		
73	73A	Ta		Tantalum	180.948		
74	74A	W		Tungsten	183.85		
75	75A	Re		Rhenium	186.207		
76	76A	Os		Osmium	190.23		
77	77A	Ir		Iridium	192.22		
78	78A	Pt		Platinum	195.08		
79	79A	Au		Gold	196.967		
80	80A	Hg		Mercury	200.59		
81	81A	Tl		Thallium	204.383		
82	82A	Pb		Lead	207.2		
83	83A	Bi		Bismuth	208.980		
84	84A	Po		Polonium	209		
85	85A	At		Astatine	210		
86	86A	Rn		Radon	222		
87	87A	Fr		Francium	223		
88	88A	Ra		Radium	226		
89	89A	Ac		Actinium	227		
90	90A	Th		Thorium	232.038		
91	91A	Pa		Protactinium	231.036		
92	92A	U		Uranium	238.029		
93	93A	Np		Neptunium	237.048		
94	94A	Pu		Plutonium	244.064		
95	95A	Am		Americium	243.061		
96	96A	Cm		Curium	247.070		
97	97A	Bk		Berkelium	247.070		
98	98A	Cf		Californium	251.083		
99	99A	Es		Einsteinium	252.083		
100	100A	Fm		Fermium	257		
101	101A	Md		Mendelevium	258		
102	102A	No		Nobelium	259		
103	103A	Lr		Lruthenium	262		
104	104A	Rf		Rutherfordium	261		
105	105A	Db		Dubnium	262		
106	106A	Sg		Seaborgium	266		
107	107A	Bh		Bohrium	264		
108	108A	Hs		Hassium	277		
109	109A	Mt		Mitnium	268		
110	110A	Ds		Darmstadtium	271		
111	111A	Rg		Roganium	272		
112	112A	Cn		Copernicium	285		
113	113A	Uut		Ununtrium	unknown		
114	114A	Fl		Flerovium	unknown		
115	115A	Uup		Ununpentium	unknown		
116	116A	Lv		Livermorium	unknown		
117	117A	Uus		Ununseptium	unknown		
118	118A	Uuo		Ununoctium	unknown		

Name	Symbol	Types	Atomic number	Mass number	Proton +	Neutron 0	Electron -
Nitrogen				14			
Potassium	K		19				
Sodium				23			
Boron	B		5				
Copper				64			
Tin	Sn			119			