

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	1	H	Hydrogen	1.008	2	He
3	Li	Lithium	6.941	4	Be	Beryllium	9.012
5	B	Boron	10.811	6	C	Carbon	12.011
7	N	Nitrogen	14.007	8	O	Oxygen	15.999
9	F	Fluorine	18.998	10	Ne	Neon	20.180
11	Na	Sodium	22.990	12	Mg	Magnesium	24.305
13	Al	Aluminum	26.982	14	Si	Silicon	28.086
15	P	Phosphorus	30.974	16	S	Sulfur	32.065
17	Cl	Chlorine	35.453	18	Ar	Argon	39.948
19	K	Potassium	39.098	20	Ca	Calcium	40.078
21	Sc	Scandium	44.956	22	Ti	Titanium	47.88
23	V	Vanadium	50.942	24	Cr	Chromium	51.996
25	Mn	Manganese	54.938	26	Fe	Iron	55.845
27	Co	Cobalt	58.933	28	Ni	Nickel	58.693
29	Cu	Copper	63.546	30	Zn	Zinc	65.38
31	Ga	Gallium	69.723	32	Ge	Germanium	72.63
33	As	Arsenic	74.922	34	Se	Selenium	78.96
35	Br	Bromine	79.904	36	Kr	Krypton	83.80
37	Rb	Rubidium	85.468	38	Sr	Strontium	87.62
39	Y	Yttrium	88.906	40	Zr	Zirconium	91.224
41	Nb	Niobium	92.906	42	Mo	Molybdenum	95.94
43	Tc	Technetium	98.907	44	Ru	Ruthenium	101.07
45	Rh	Rhodium	102.905	46	Pd	Palladium	106.42
47	Ag	Silver	107.868	48	Cd	Cadmium	112.411
49	In	Indium	114.818	50	Sn	Sn	118.71
51	Sb	Antimony	121.757	52	Te	Tellurium	127.6
53	I	Iodine	126.905	54	Xe	Xenon	131.29
55	Cs	Cesium	132.905	56	Ba	Barium	137.327
57	La	Lanthanum	138.905	58	Ce	Cerium	140.12
59	Pr	Praseodymium	140.908	60	Nd	Niobium	144.24
61	Pm	Promethium	144.913	62	Sm	Samarium	150.36
63	Eu	Europium	151.965	64	Gd	Gadolinium	157.25
65	Tb	Terbium	158.925	66	Dy	Dysprosium	162.50
67	Ho	Terbium	164.930	68	Er	Erbium	167.26
69	Tm	Thulium	168.934	70	Yb	Ytterbium	173.04
71	Lu	Lutetium	174.967	72	Hf	Hafnium	178.49
73	Ta	Tantalum	180.948	74	W	Tungsten	183.85
75	Re	Rhenium	186.207	76	Os	Osmium	190.23
77	Ir	Iridium	192.22	78	Pt	Platinum	195.08
79	Au	Gold	196.967	80	Hg	Mercury	200.59
81	Tl	Thallium	204.383	82	Pb	Lead	207.2
83	Bi	Bismuth	208.980	84	Po	Polonium	209
85	At	Astatine	210	86	Rn	Radon	222
87	Fr	Francium	223	88	Ra	Radium	226
89	Ac	Actinium	227	90	Th	Thorium	232
91	Pa	Protactinium	231	92	U	Uranium	238
93	Np	Neptunium	237	94	Pu	Plutonium	244
95	Am	Americium	243	96	Cm	Curium	247
97	Bk	Berkelium	247	98	Cf	Californium	251
99	Es	Einsteinium	252	100	Fm	Fermium	257
101	Md	Mendelevium	258	102	No	Nobelium	259
103	Lr	Lutetium	262	104	Rf	Rutherfordium	261
105	Db	Dubnium	262	106	Sg	Seaborgium	266
107	Bh	Berkelium	264	108	Hs	Hassium	277
109	Mt	Mendelevium	268	110	Ds	Darmstadtium	271
111	Rg	Rutherfordium	272	112	Cn	Copernicium	285
113	Uut	Ununtrium	284	114	Fl	Flerovium	289
115	Uup	Ununpentium	288	116	Lv	Livermorium	293
117	Uus	Ununseptium	294	118	Uuo	Oganesson	294

Legend:

- Alkali Metal
- Alkaline Earth
- Transition Metal
- Semimetal
- Nonmetal
- Basic Metal
- Halogen
- Noble Gas
- Lanthanide
- Actinide

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			