

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	Na	Sodium	22.990			
10	10A	Mg	Magnesium	24.305			
11	11A	Al	Aluminum	26.982			
12	12A	Si	Silicon	28.086			
13	13A	P	Phosphorus	30.974			
14	14A	S	Sulfur	32.065			
15	15A	Cl	Chlorine	35.453			
16	16A	Ar	Argon	39.948			
17	17A	K	Potassium	39.098			
18	18A	Ca	Calcium	40.078			
19	19A	Sc	Scandium	44.956			
20	20A	Ti	Titanium	47.88			
21	21A	V	Vanadium	50.942			
22	22A	Cr	Chromium	51.996			
23	23A	Mn	Manganese	54.938			
24	24A	Fe	Iron	55.845			
25	25A	Co	Cobalt	58.933			
26	26A	Ni	Nickel	58.693			
27	27A	Cu	Copper	63.546			
28	28A	Zn	Zinc	65.38			
29	29A	Ga	Gallium	69.723			
30	30A	Ge	Germanium	72.63			
31	31A	As	Arsenic	74.922			
32	32A	Se	Selenium	78.96			
33	33A	Br	Bromine	79.904			
34	34A	Kr	Krypton	83.80			
35	35A	Rb	Rubidium	85.468			
36	36A	Sr	Strontium	87.62			
37	37A	Y	Yttrium	88.906			
38	38A	Zr	Zirconium	91.224			
39	39A	Nb	Niobium	92.906			
40	40A	Mo	Molybdenum	95.94			
41	41A	Tc	Technetium	98.906			
42	42A	Ru	Ruthenium	101.07			
43	43A	Rh	Rhodium	102.905			
44	44A	Pd	Palladium	106.42			
45	45A	Ag	Silver	107.868			
46	46A	Cd	Cadmium	112.411			
47	47A	In	Indium	114.818			
48	48A	Sn	Tin	118.710			
49	49A	Sb	Antimony	121.757			
50	50A	Te	Tellurium	127.6			
51	51A	I	Iodine	126.905			
52	52A	Xe	Xenon	131.29			
53	53A	Cs	Cesium	132.905			
54	54A	Ba	Barium	137.327			
55	55A	La	Lanthanum	138.905			
56	56A	Ce	Cerium	140.12			
57	57A	Pr	Praseodymium	140.908			
58	58A	Nd	Niobium	144.24			
59	59A	Pm	Promethium	144.913			
60	60A	Sm	Samarium	150.36			
61	61A	Eu	Europium	151.965			
62	62A	Gd	Gadolinium	157.25			
63	63A	Tb	Terbium	158.925			
64	64A	Dy	Dysprosium	162.50			
65	65A	Ho	Holmium	164.930			
66	66A	Er	Erbium	167.259			
67	67A	Tm	Thulium	168.934			
68	68A	Yb	Ytterbium	173.054			
69	69A	Lu	Lutetium	174.967			
70	70A	Ac	Actinium	227.028			
71	71A	Th	Thorium	232.038			
72	72A	Pa	Protactinium	231.036			
73	73A	U	Uranium	238.029			
74	74A	Np	Neptunium	237.048			
75	75A	Pu	Plutonium	244.064			
76	76A	Am	Americium	243.061			
77	77A	Cm	Curium	247.070			
78	78A	Bk	Berkelium	247.070			
79	79A	Cf	Californium	251.080			
80	80A	Es	Einsteinium	252.083			
81	81A	Fm	Fermium	257.103			
82	82A	Md	Mendelevium	258.10			
83	83A	No	Nobelium	259.108			
84	84A	Lr	Lutetium	260.105			

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			