

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	257.105		
82	82A	Md		Mendelevium	258.10		
83	83A	No		Nobelium	259.108		
84	84A	Lr		Lutetium	262.105		

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			