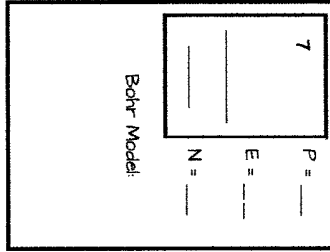
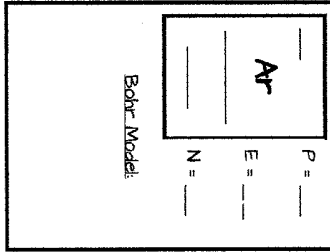
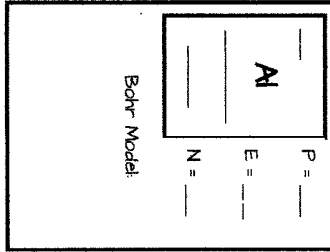
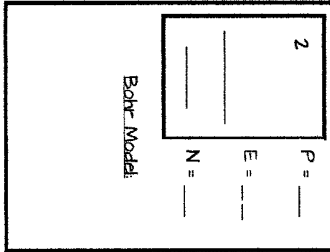
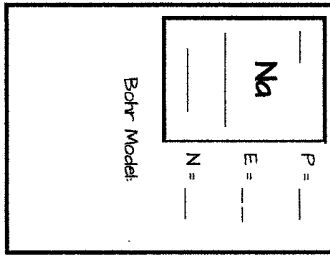
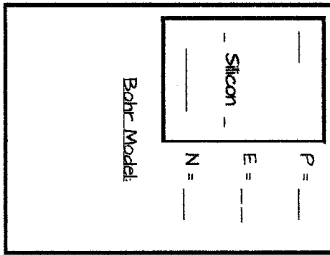
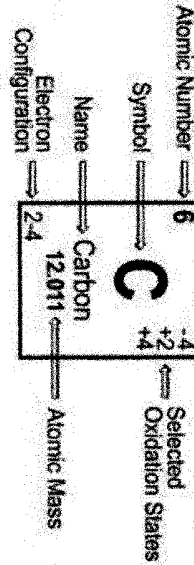


Directions: Using the information given on your Periodic Table of Elements, find the missing information for each element below then complete the Bohr Model. When finished, paste worksheet into your Science Interactive Notebook.



Directions: Color each category a different color and match that with the color in the key. When finished, cut out the periodic table and paste into your Science Interactive Notebook.

Hydrogen
 Alkali Metals
 Alkaline Earth Metals
 Transition Metals
 Lanthanide Series
 Actinide Series
 Noble G.
 Nonmetals
 Other Metals
 Metalloids

1 1A 1 H Hydrogen 1.00794	2 IIA 2 He Helium 4.0026	3 IIIA 3 Li Lithium 6.941	4 IVA 4 Be Beryllium 9.0122	5 VA 5 B Boron 10.81	6 VIA 6 C Carbon 12.011	7 VIIA 7 N Nitrogen 14.007	8 VIIIA 8 O Oxygen 15.999	9 VIIIA 9 F Fluorine 18.998	10 VIIIA 10 Ne Neon 20.179
11 IA 11 Na Sodium 22.990	12 IIA 12 Mg Magnesium 24.305	13 IIIA 13 Al Aluminum 26.982	14 IVA 14 Si Silicon 28.086	15 VA 15 P Phosphorus 30.974	16 VIA 16 S Sulfur 32.065	17 VIIA 17 Cl Chlorine 35.453	18 VIIIA 18 Ar Argon 39.948	19 VIIIA 19 K Potassium 39.098	20 VIIIA 20 Ca Calcium 40.078
37 IA 37 Rb Rubidium 85.468	38 IIA 38 Sr Strontium 87.62	39 IIIB 39 Y Yttrium 88.906	40 IVB 40 Zr Zirconium 91.224	41 VB 41 Nb Niobium 92.906	42 VIB 42 Mo Molybdenum 95.94	43 VIIB 43 Tc Technetium (98)	44 VIIIB 44 Ru Ruthenium 101.07	45 VIIIB 45 Rh Rhodium 102.91	46 VIIIB 46 Pd Palladium 106.42
55 IA 55 Cs Cesium 132.91	56 IIA 56 Ba Barium 137.33	57-71 Lanthanide 57 La Lanthanum 138.905	72 Hf Hafnium 178.49	73 Ta Tantalum 180.95	74 W Tungsten 183.84	75 Re Rhenium 186.21	76 Os Osmium 192.22	77 Ir Iridium 192.22	78 Pt Platinum 195.08
87 IA 87 Fr Francium (223)	88 IIA 88 Ra Radium (226)	89-103 Actinide 89 Ac Actinium (227)	104 Rf Rutherfordium (261)	105 Db Dubnium (262)	106 Sg Seaborgium (263)	107 Bh Bohrium (264)	108 Hs Hassium (265)	109 Mt Meitnerium (266)	110 Uun Ununennium (267)
119 IA 119 Uuq Ununquadium (289)	120 IIA 120 Uub Unubium (288)	121 Uut Ununtrium (287)	122 Uuq Ununquadium (286)	123 Uub Unubium (285)	124 Uut Ununtrium (284)	125 Uuq Ununquadium (283)	126 Uub Unubium (282)	127 Uut Ununtrium (281)	128 Uuq Ununquadium (280)

Electron Shells	
1	2
2	8
3	18
4	32
5	50
6	72
7	98
8	126

Lanthanide													
57	58	59	60	61	62	63	64	65	66	67	68	69	70
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
Lanthanum 138.91	Cerium 140.12	Praseodymium 140.91	Niodymium 144.24	Promethium (145)	Samarium 150.36	Europium 151.96	Gadolinium 157.25	Terbium 158.93	Dysprosium 162.50	Holmium 164.93	Erbium 167.26	Thulium 168.93	Ytterbium 173.04

Actinide													
89	90	91	92	93	94	95	96	97	98	99	100	101	102
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No
Actinium 227	Thorium 232.04	Protactinium 231.04	Uranium 238.03	Neptunium (237)	Plutonium (244)	Americium (243)	Curium (247)	Berkelium (247)	Californium (251)	Einsteinium (252)	Fermium (257)	Mendelevium (258)	Nobelium (259)