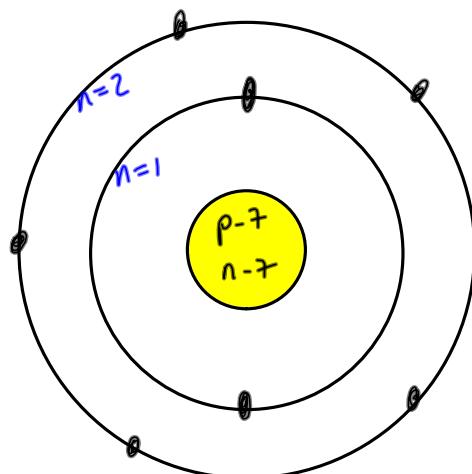


Nitrogen



N⁷₁₄

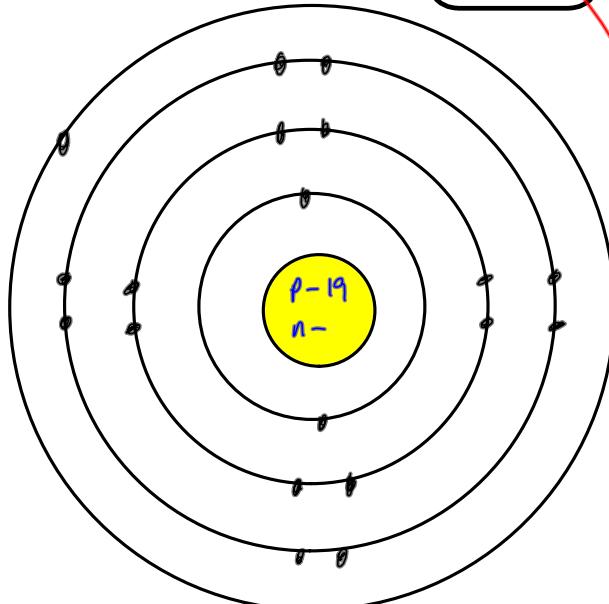
Atomic No.
Mass No.

Electronic Configuration: 2, 5

Potassium

K¹⁹₃₉

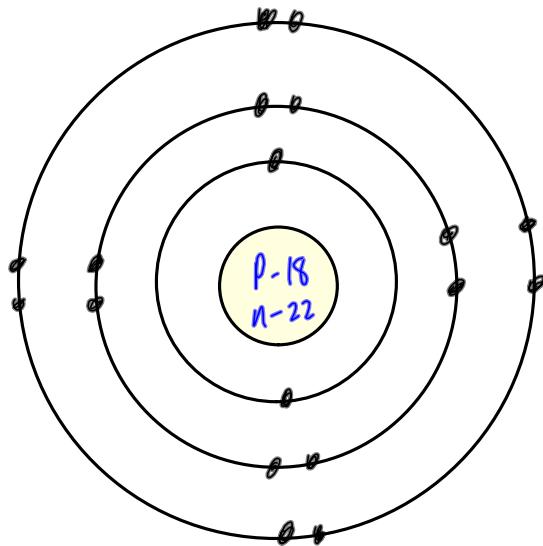
Atomic No.
Mass No.



Electronic Configuration : 2, 8, 8, 1

Argon

Ar 18
20



Electronic Configuration: 2, 8, 8

Group
(Column)

The period indicates the number of shells and the group the number of electrons in the outer shell.

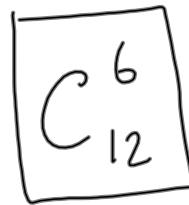
The Periodic Table of the Elements

1	H	Hydrogen	1.01	2	He	Helium	4.00
3	Li	Lithium	6.94	4	Be	Boron	9.01
11	Na	Sodium	22.99	12	Mg	Magnesium	24.31
19	K	Potassium	39.10	20	Ca	Calcium	40.09
37	Rb	Rubidium	85.47	38	Sr	Samarium	87.62
55	Cs	Cesium	132.91	56	Ba	Barium	138.91
87	Fr	Francium	223.02	88	Pa	Protactinium	226.02
89	Ra	Radium	226.02	90	Th	Thorium	232.04
91	Ac	Actinium	227.02	92	Pa	Proactinium	231.04
94	Rf	Rutherfordium	262.02	95	U	Uranium	238.03
104	Db	Dubnium	262.02	96	Np	Neptunium	237.03
105	Bh	Bergeronium	264.02	97	Pu	Plutonium	244.01
106	Sg	Singeenium	266.02	98	Am	Amerium	243.02
107	Hs	Hassium	269.02	99	Cm	Curium	247.02
108	Mt	Moscovium	269.02	100	Ds	Darmstadtium	281.02
109	Tl	Tennessine	269.02	110	Gd	Gadolinium	157.25
111	Pb	Lead	207.2	112	Tb	Terbium	158.93
113	Cn	Copernicium	285.02	114	Dy	Dysprosium	162.50
115	Ho	Holmium	164.93	116	Bk	Berkelium	247.02
116	Er	Erbium	167.26	117	Cf	Curium	251.02
117	Tm	Thulium	168.93	118	Dy	Dysprosium	164.93
118	Yb	Ytterbium	173.04	119	Ho	Holmium	164.93
120	Lu	Lutetium	174.97	121	Fm	Fermium	257.02
122	No	Nobelium	259.02	123	Md	Mendelevium	166.93
124	Lr	Lawrencium	262.02	125	Es	Einsteinium	252.02

58	Ce	Cerium	140.12	59	Pr	Praseodymium	140.91	60	Nd	Neodymium	144.24
61	Pm	Promethium	145.0	62	Sm	Samarium	150.36	63	Eu	Europium	151.96
64	Gd	Gadolinium	157.25	65	Tb	Terbium	158.93	66	Dy	Dysprosium	162.50
67	Ho	Holmium	164.93	68	Er	Erbium	167.26	69	Tm	Thulium	168.93
70	Yb	Ytterbium	173.04	71	Lu	Lutetium	174.97	72			

Period
(Row)

Isotope



Carbon-12 \leftarrow 6 neutrons
Carbon - 14 \leftarrow 8 neutrons

Isotope - same element with a different number of protons

HW Draw Calcium