

Table: Electronic distribution in atoms of first 20 elements

S. No.	Element Mass (symbol)	Atomic No.(A)	No. Of (Z)	No. Of Protons (p)	No.Of Electrons (e)	Neutrons (n) (A - Z)	K	L	M	N
1	Hydrogen (H)	1	1	1	1	0	1			
2	Helium (He)	4	2	2	2	2	2			
3	Lithium (Li)	7	3	3	3	4	2	1		
4	Beryllium (Be)	9	4	4	4	5	2	2		
5	Boron (B)	11	5	5	5	6	2	3		
6	Carbo (C)	12	6	6	6	6	2	4		
7	Nitrogen (N)	14	7	7	7	7	2	5		
8	Oxygen (O)	16	8	8	8	8	2	6		
9	Fluorine (F)	19	9	9	9	10	2	7		
10	Neon (Ne)	20	10	10	10	10	2	8		
11	Sodium (Na)	23	11	11	11	12	2	8	1	
12	Magnesium (Mg)	24	12	12	12	12	2	8	2	
13	Aluminium (Al)	27	13	13	13	14	2	8	3	
14	Silicon (Si)	28	14	14	14	14	2	8	4	
15	Phosphorus (P)	31	15	15	15	16	2	8	5	
16	Sulphur (S)	32	16	16	16	16	2	8	6	
17	Chlorine (Cl)	35	17	17	17	18	2	8	7	
18	Argon (Ar)	40	18	18	18	22	2	8	8	
19	Potassium (K)	39	19	19	19	20	2	8	8	1
20	Calcium (Ca)	40	20	20	20	20	2	8	8	2

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