

Let's work through some examples together...

Element	Atomic Number	Bohr Model	Valance Electrons	How many lost or gained to become stable?	What is it's charge?	How many electrons?
Na	11		1	gain: 7 lose: 1	Na <sup>1+</sup> or Na <sup>+</sup>	10
O	8		6	gain: 2 lose: 6	O <sup>2-</sup>	10
Li						
B						
C						

Applying this to the periodic table...

Try:  
Ne

1 H	2 He											3 B	4 C	5 N	6 O	7 F	8 Ne																		
11 Na	12 Mg	13 Al	14 Si	15 P	16 S	17 Cl	18 Ar	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr										
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe	55 Cs	56 Ba	57 La*	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu	
87 Fr	88 Ra	89 Ac**	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr																			
1	2											3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18								
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	
87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103																			

Handwritten annotations on the periodic table:  
 - Above H: 1+  
 - Above He: 2+  
 - Above B: 3+  
 - Above C: 4+  
 - Above N: 5+  
 - Above O: 6+  
 - Above F: 7+  
 - Above Ne: 8+  
 - Above Ar: 18+  
 - Above Kr: 36+  
 - Above Xe: 54+  
 - Above Rn: 86+  
 - Above Uuo: 118+  
 - Above La: 3+  
 - Above Ce: 4+  
 - Above Pr: 5+  
 - Above Nd: 6+  
 - Above Pm: 7+  
 - Above Sm: 8+  
 - Above Eu: 9+  
 - Above Gd: 10+  
 - Above Tb: 11+  
 - Above Dy: 12+  
 - Above Ho: 13+  
 - Above Er: 14+  
 - Above Tm: 15+  
 - Above Yb: 16+  
 - Above Lu: 17+  
 - Above Uuo: 118+  
 - Above Lr: 103+  
 - Above No: 102+  
 - Above Md: 101+  
 - Above Fm: 100+  
 - Above Es: 99+  
 - Above Cf: 98+  
 - Above Bk: 97+  
 - Above Cm: 96+  
 - Above Am: 95+  
 - Above Pu: 94+  
 - Above Np: 93+  
 - Above U: 92+  
 - Above Pa: 91+  
 - Above Th: 90+  
 - Above Ra: 88+  
 - Above Ac: 89+  
 - Above Fr: 87+  
 - Above Rn: 86+  
 - Above Xe: 54+  
 - Above Kr: 36+  
 - Above Ar: 18+  
 - Above Ne: 10+  
 - Above He: 2+  
 - Above H: 1+