1. Alkali metals
2. Alkaline Earth metals
3. Halogens
4. Noble Gases
5. Divides metals from nonmetals
6. Metalloids (or semi-metals)
7. Nonmetals
8. Metals
9. Transition metals
10. Fblock; lanthanides actinides
11. Groups 1,2 and 13-18; also called main group elements
12. (assuming largest radius) a) Si b) S c) Sr d) Ga e) K
13. Made of metal and nonmetal; positive and negative ions
14. Made of nonmetals. Composed of molecules.
15. Balance the charges (crossover)
16. Charged group of covalently bonded atoms.
17. a) PO4-3 b) SO4-2 c) OH-1 d) NO3-1 e) NH4+1 f) CO3-2 g) NO2-1
18. mono, di, tri, tetra, penta, hexa

1. a) MgCl2 b) FeS c) N2O5 d) H2O e) Na2SO4 f) AlF3 h) NH4Br i) CuPO4 j) CaCl2
 n) BeCO3  q) C4I5 v) V(OH)5 w) Ga2O3
19. a) strontium chloride b) magnesium sulfide c) potassium phosphate
d) phosphorus pentabromide e) sodium fluoride f) barium nitrate
g) magnesium phosphate h) iron(II) carbonate i) nitrogen triiodide
j) aluminum nitrate k) potassium oxide l) dinitrogen tetroxide
m) calcium fluoride n) ammonium chloride o) lead(IV) sulfide
p) barium carbonate q) aluminum hydroxide