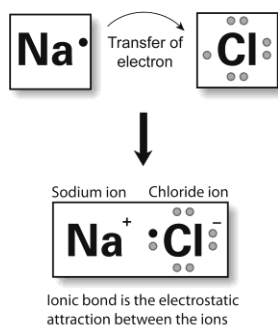


Lewis Dots for Ionic Bonds

Ionic bonds are created when electrons are transferred from the atom that loses electrons (forming a cation) to the atom gaining electrons (forming an anion). Observe the diagram below. The arrow going from Lewis dot structure of Na toward the Lewis structure of Cl shows the transfer of the one valence electron of sodium. The rectangle below shows the Lewis structure for the ionic formula NaCl.



Draw Lewis dot structures for the following formulas.

1. K & Cl	2. Li & F	3. Na & Br
4. Mg & I	5. Ca & Cl	6. Li & O
7. Mg & O	8. Na & S	9. Be & Se
10. Al & Br	11. Sr & O	12. Be & S