COVALENT BONDING

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Covalent bonding occurs when two or more nonmetals share electrons, attempting to attain a stable octet of electrons at least part of the time. For example:

Show how covalent bonding occurs in each of the following pairs of atoms. Atoms may share one, two or three pairs of electrons.

1. H + H (H ₂)	
	₽
2. F + F (F ₂)	
3. O + O (O ₂)	
4. N + N (N ₂)	
5. C + O (CO ₂)	
6. H + O (H ₂ O)	