

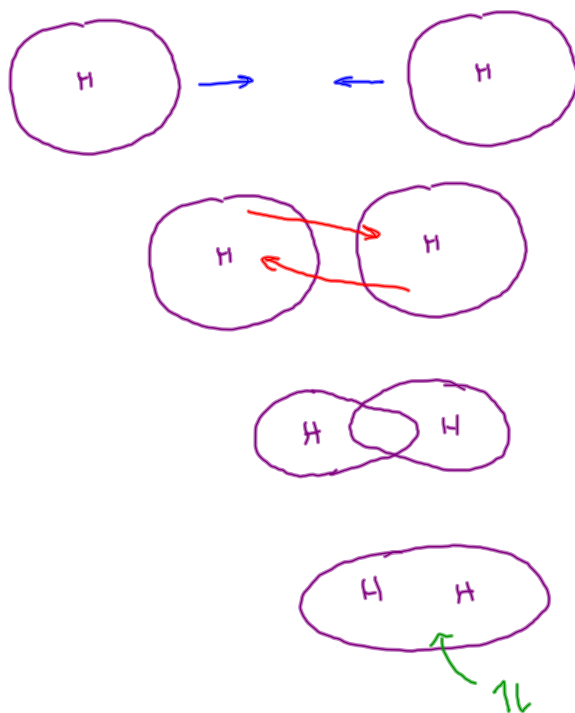
Types of bonds

Ionic – positive ion attracts negative ion
cation anion

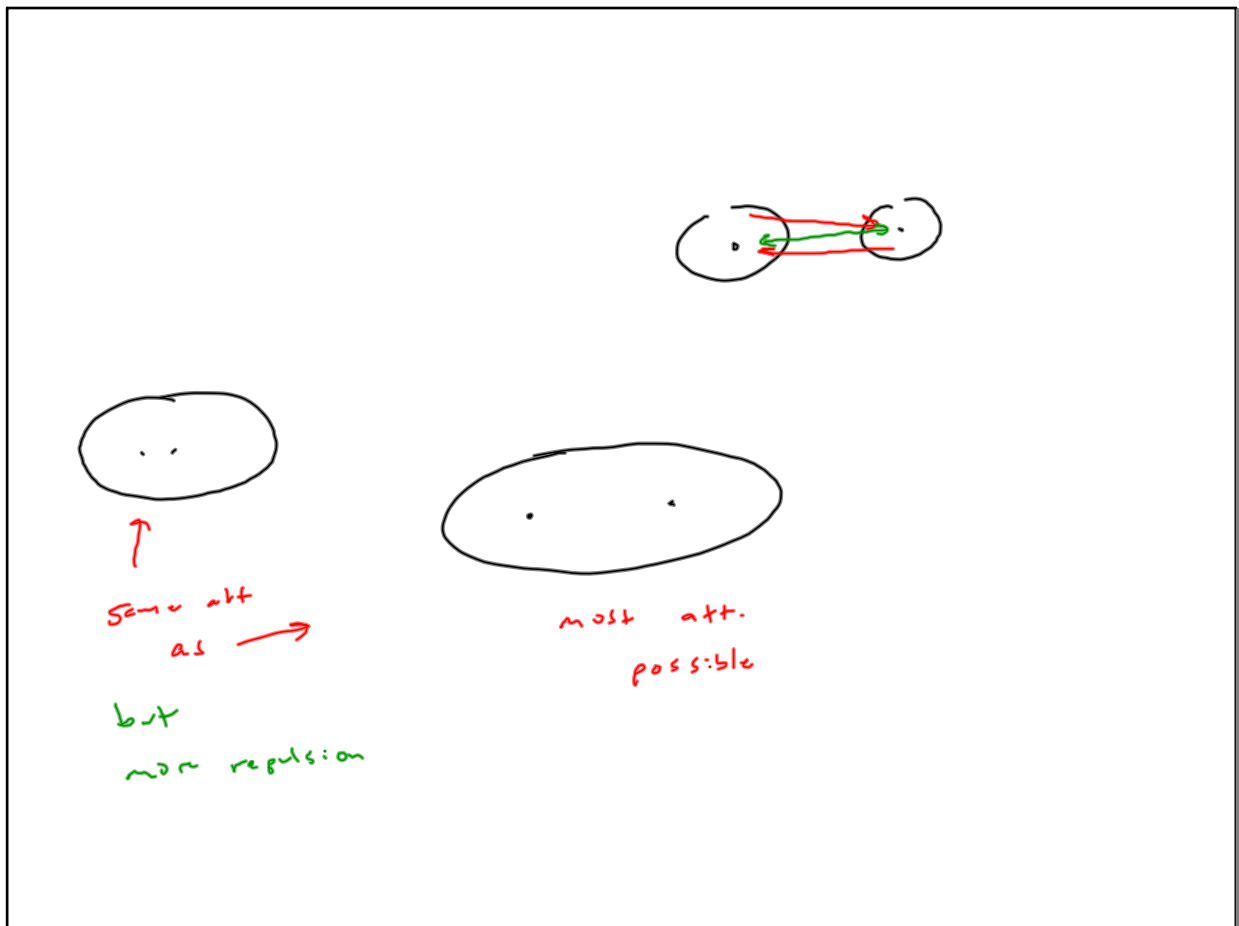
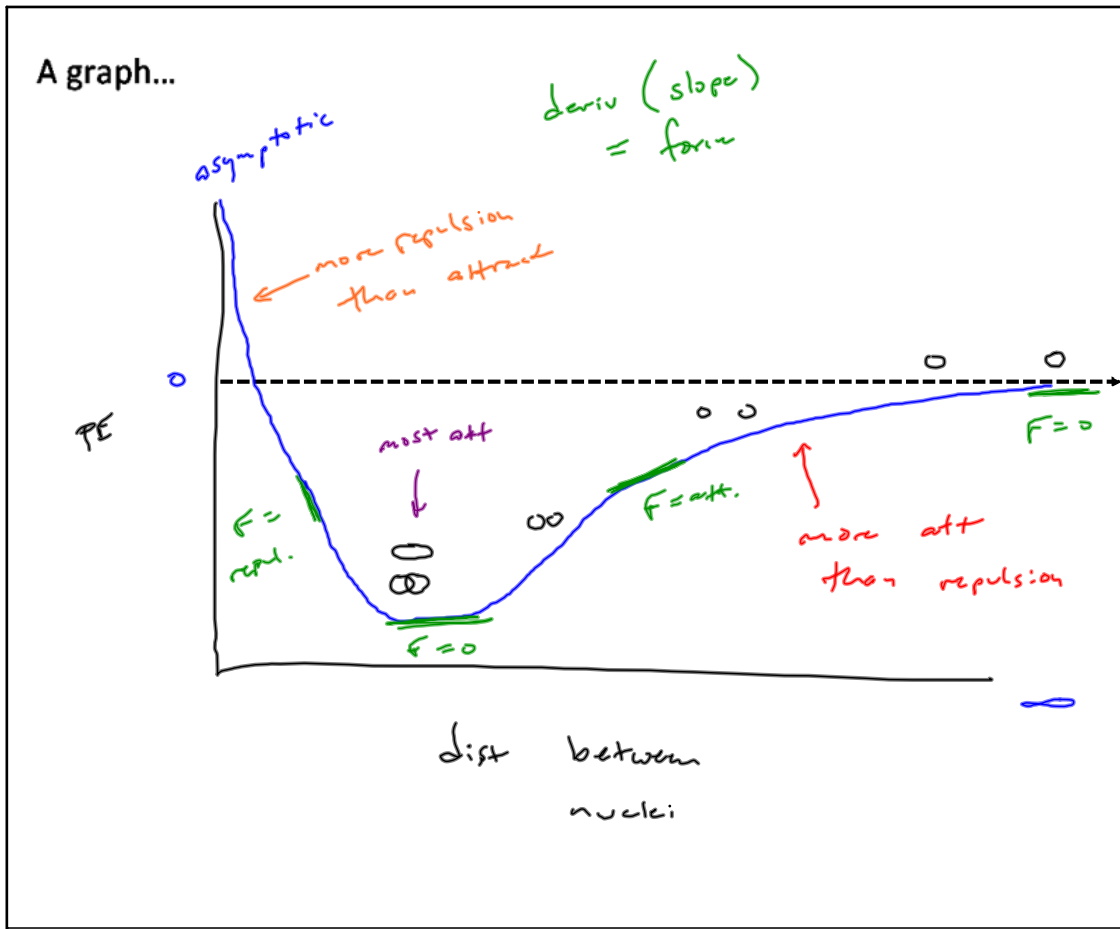
Covalent – nasty, mean-spirited ^{never-ending} tug-of-war for
electrons that nobody wins

NOT sharing!

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Forming H₂ from orbitals

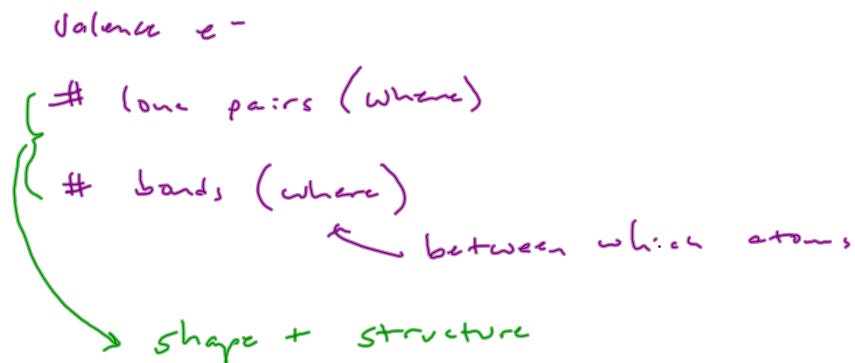
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Lewis Dot Structures – an easier way to show the basics...



What are the basics?



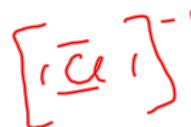
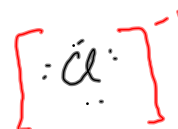
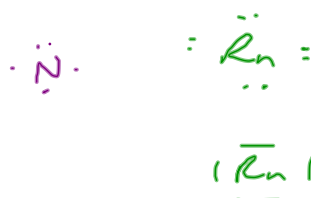
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LDS's of atoms



4 spaces for e-

follow Hund - school bus



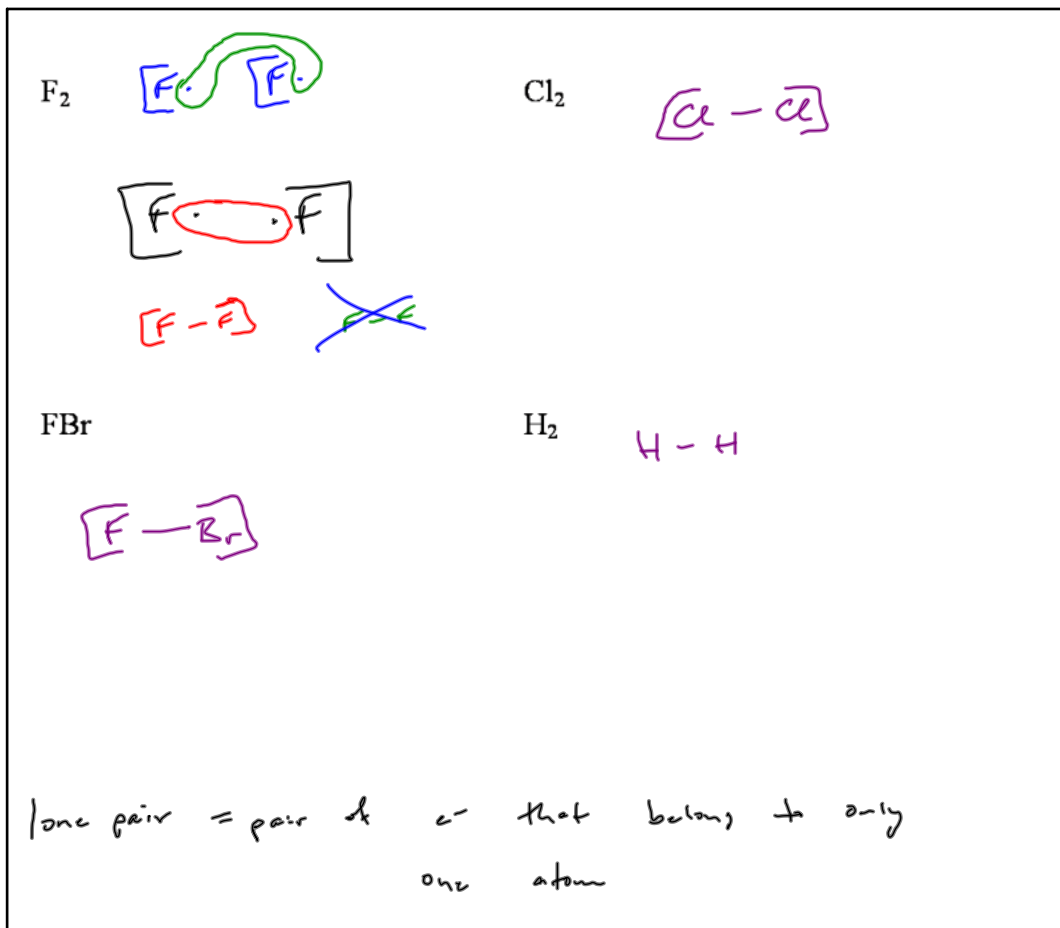
short cut .. = -

A simple rule:

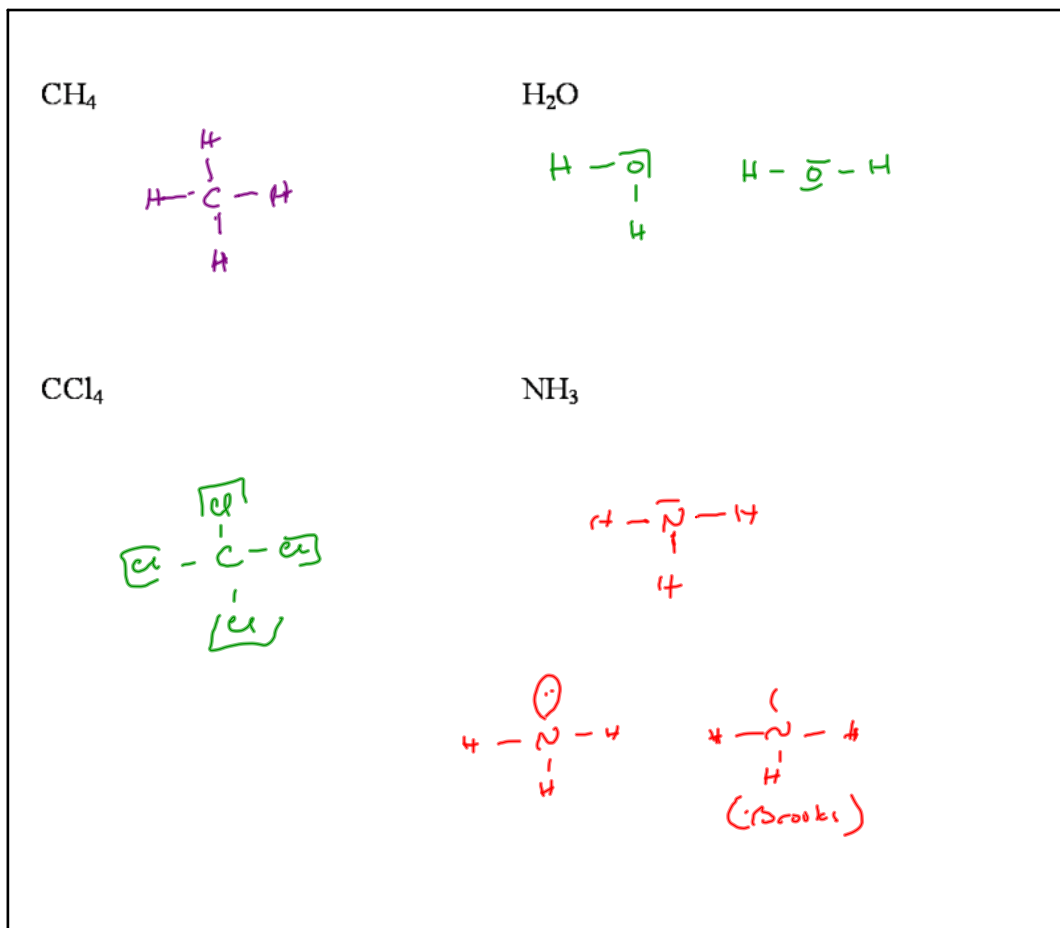
octet rule: everybody wants 8

(H wants 2)

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