CHEMISTRY MNEMONICS

Cations vs Anions: "I *positively* hate CATs"
In a CATION, the electron has gone on va-CATION.

7 Diatomic Molecules:
[1]IMAGINE: Any atom ending with "gin" or "ine"
[2] "Hofbrinkel" H-O-F-Br-I-N-Cl
[3] Visual: H and the pattern of number 7 on the Periodic Table
[4] "Help Our Needy Class Find Brains Immediately!"

Visible Spectrum: (long-short waves) or (short-long waves)
R– O – Y– G – B – I – V or **V – I – B – G –Y – O – R**

Oxidation-Reduction:
L E O goes **G E R** (lose electron-oxidation, gain electron-reduction)
or **O I L R I G** (Oxidation is Loss, Reduction is Gain)

Electronegativity: *(decreasing electronegativities ICS=same*
F – O – N – Cl – Br –Ⓘ–Ⓢ–Ⓒ– H "Fonklebrish" H=P

Voltaic Cells: An OX chases a RED CAT ***UCLA***: *Upper cathode*
(Anode-Oxidation, Reduction-Cathode) *Lower anode*

Gas laws-solving for Molecular Weight = "Dirty Pete"
Mwt = *d* R T/P Mwt=(density x R x T)/P

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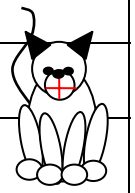

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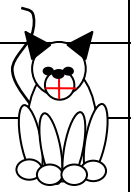

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