

Polarity

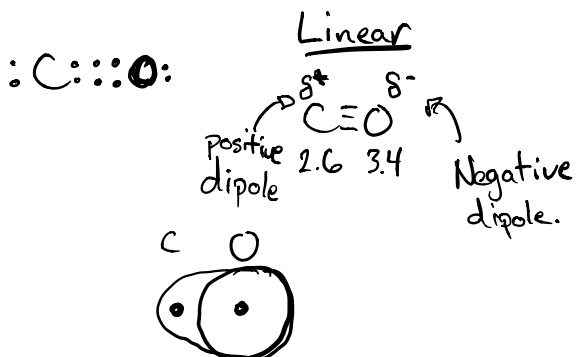
↳ Polar

↳ has dipoles
(partial charge)

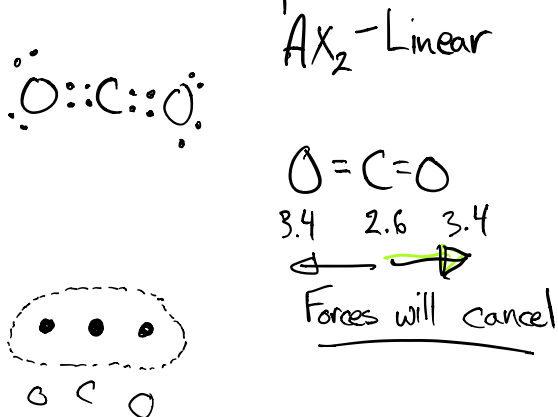
↳ non-polar

↳ No dipoles
* the shape cancels
the charge

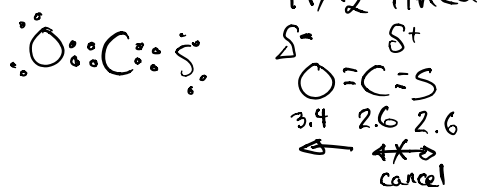
$\text{CO}_{(g)}$ - Polar



$\text{CO}_{2(g)}$ - Non polar

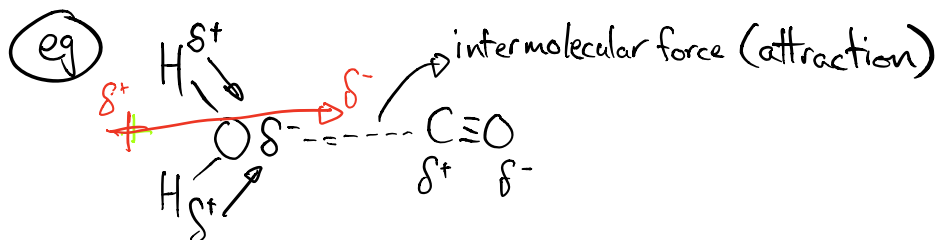


$\text{CSO}_{(g)}$

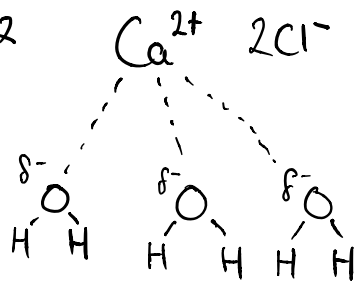


"Like Dissolves Like" Rule

↳ Polar will dissolve polar
Water dissolves carbon monoxide



(eg) Road salt
 CaCl_2



Is it Polar/Non-polar?

