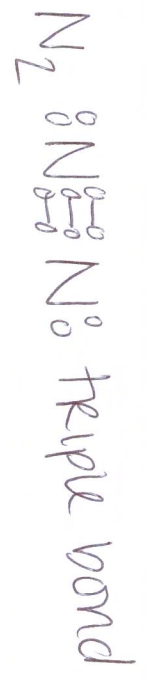
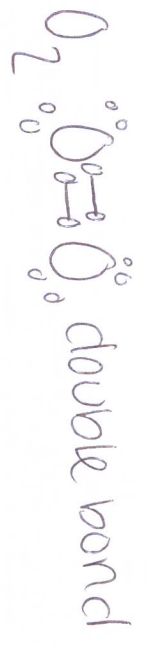
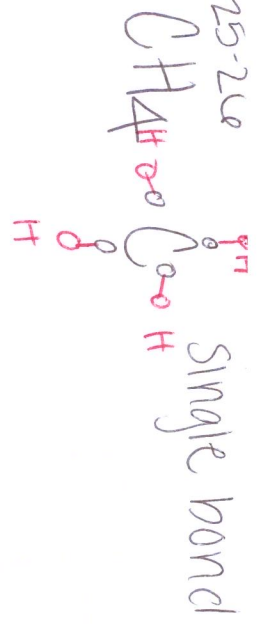
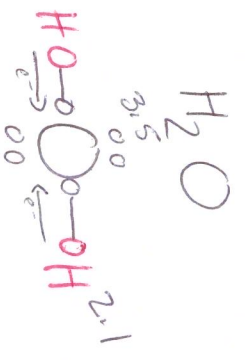


1/25-26



Polar bonds  
(0.5-1.6)



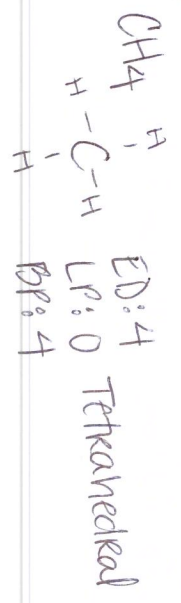
LOOK at EN values, if between 0.5-1.6 it is Polar and the electrons will spend more time with the EN atom

1/27 SHAPES



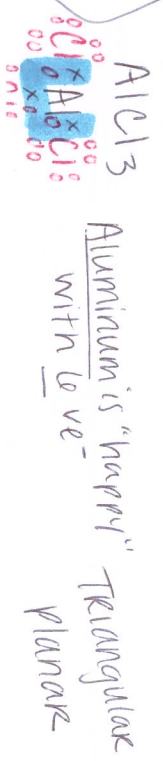
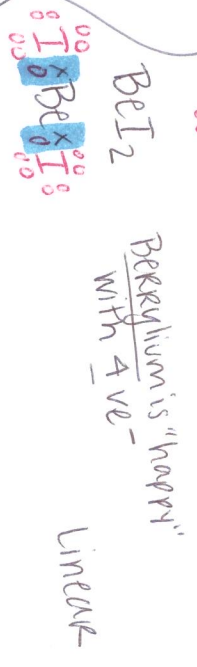
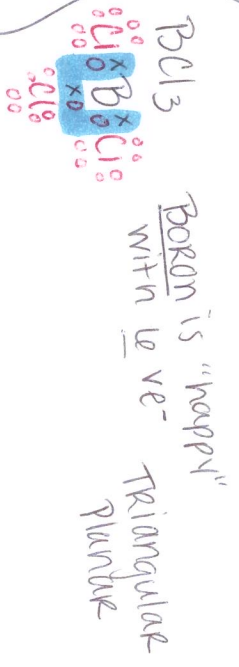
\*USE neon sheet (pink-L, yellow-K) to determine shape.

Triangular Pyramidal



OCTET RULE: the central atom must have 8 valence electrons (ve-)

OCTET EXCEPTIONS



Compound - 2 or more elements

molecule - 2 or more atoms

Polar molecules - electrons not shared equally

Non polar molecules - electrons equally shared

DITOMIC ELEMENTS

H, O, F, Br, I, N, Cl

\*Always come in pairs in nature \*