06/18/24

Draw the Lewis structure for ethyl alcohol which has a molecular formula of C ₂ H ₆ O and a condensed formula of CH ₃ CH ₂ OH.
Draw the Lewis structure for acetone which has a molecular formula of C_2H_6O and a condensed formula of CH_3OCH_3 .
Draw the Lewis structure for carbon dioxide (CO ₂)
Draw the Lewis structure for acetic acid which has a molecular formula of $C_2H_4O_2$ and a condensed formula of $C_3H_4O_2$ and a condensed formula of $C_3H_4O_2$ and a
Draw 4 different Lewis structures that all have the molecular formula of C_4H_8

Draw the Lewis structure and then the 3-dimensional structure for the PF_5 molecule. Indicate any polar bonds and indicate whether the whole molecule is polar.
Draw the Lewis structure and then the 3-dimensional structure for the methanol (CH ₃ OH) molecule. Indicate any polar bonds and indicate whether the whole molecule is polar.
Draw the Lewis structure and then the 3-dimensional structure for the acetic acid (CH₃COOH) molecule. Indicate any polar bonds and indicate whether the whole molecule is polar.
Draw the possible resonance structures for the thiocyanate ion (SCN ⁻¹) and use formal charges to decide which one is the best representation of the structure.

