

Name: _____

Periodic Trends and Bonding Remediation Video Assignment

1. Determine if the following substances are ionic salts or molecular

_____ CaF₂ _____ H₂O _____ HCl _____ CO₂

_____ HF _____ CO _____ MgCl₂

2. Determine which of the following atoms is more electronegative in these compounds.

L = atom on left

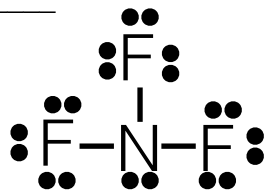
R = atom on right

_____ CaF₂ _____ H₂O _____ HCl _____ CO₂

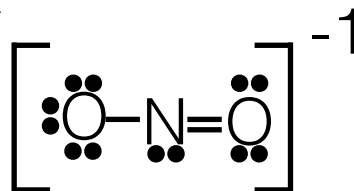
_____ HF _____ CO _____ MgCl₂

3. For each molecule, identify the letter that best matches it with the 3 dimensional figure on the right.

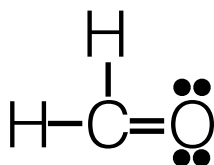
NF₃ _____



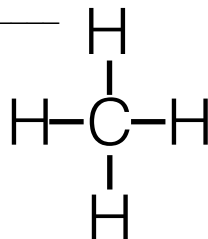
NO₂⁻¹ _____



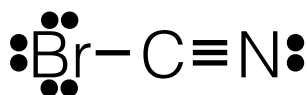
CH₂O _____



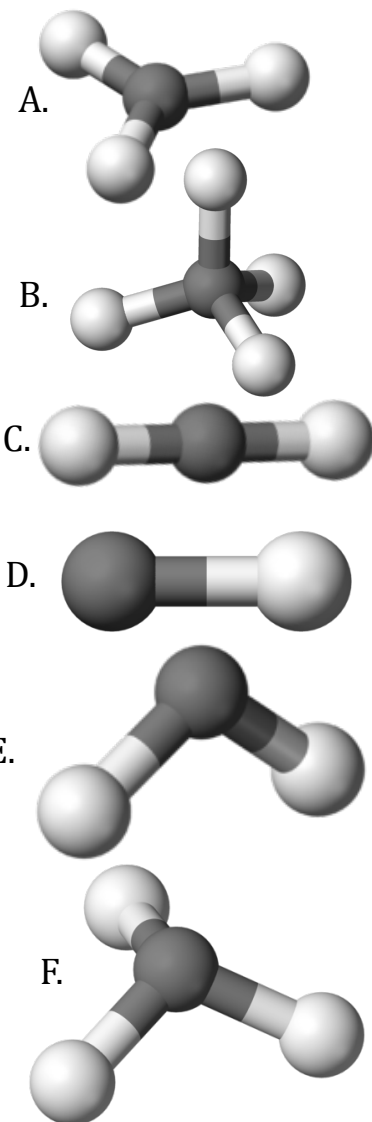
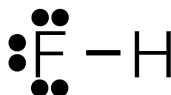
CH₄ _____



BrCN _____



HF _____



Draw the Lewis Dot structures of these molecules. (5 each)

