

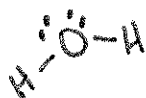
Draw allowable Lewis Structures of the following compounds. You may encounter single, double, or even triple bonds! After drawing each diagram, name each molecule.

1. H₂



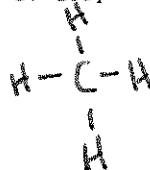
Hydrogen

2. H₂O



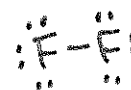
Dihydrogen Monoxide
(water)

3. CH₄



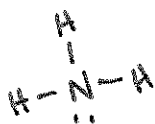
Carbon Tetrahydride
(Methane or
Natural Gas)

4. F₂



Fluorine

5. NH₃



Nitrogen Trihydride
(Ammonia)

6. HF



Hydrogen monofluoride
(Hydrofluoric Acid)

7. H₂CCH₂



Dicarbon Tetrahydride
(Ethene)

8. N₂



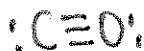
Nitrogen

9. CO₂



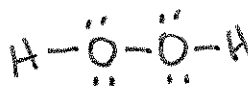
Carbon Dioxide

10. CO



Carbon Monoxide

11. HOOH



Dihydrogen Dioxide
(Hydrogen Peroxide)

12. HCN



Hydrocyanic
Acid

13. H₂S



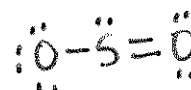
Dihydrogen Monosulfide
(rotten egg smell)

14. NF₃



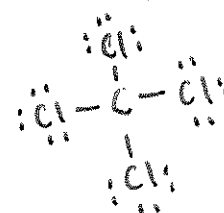
Nitrogen Trifluoride

15. SO₂



Sulfur Dioxide

16. CCl₄



Carbon Tetrachloride

17. H₂CO



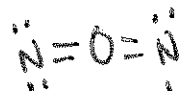
(Formaldehyde)

18. HCCH



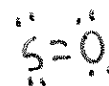
Dicarbon Dihydride
(Ethyne)

19. N₂O



Dinitrogen Monoxide
(Laughing Gas)

20. SO



Sulfur
monoxide