STEM Chemistry Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lewis Structures of Covalently Bonded Compounds Period \_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 2. H2O 3. CH4 4. F2

5. NH3 6. HF 7. H2CCH2 8. N2

9. CO2 10. CO 11. HOOH 12. HCN

13. H2S 14. NF3 15. SO2 16. CCl4

17. H2CO 18. HCCH 19. N2O 20. SO