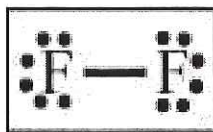
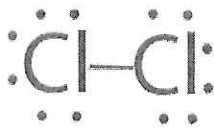
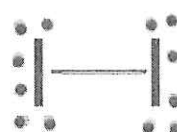
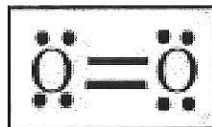
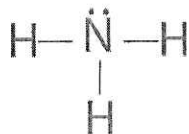
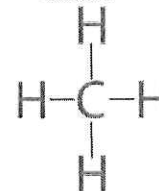
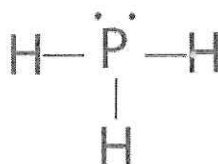
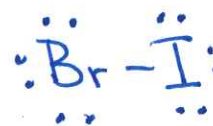
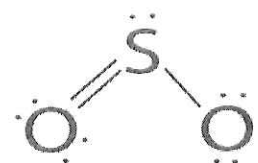
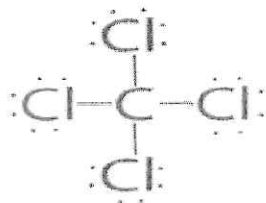
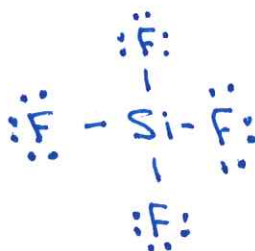
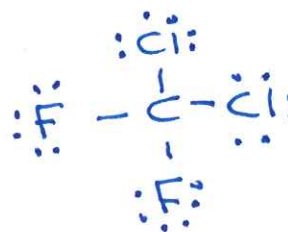
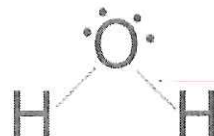
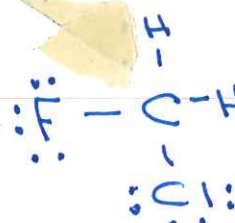


Lewis Structures & Resonance Structures Answers

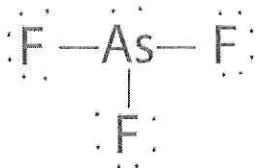
Write the structural formula for each of the following compounds.

1. F_2 2. Cl_2 3. I_2 4. N_2 5. O_2 6. H_2 7. ClF 8. NH_3 9. CH_4 10. H_2S 11. PH_3 12. BrI 13. CO 14. CO_2 15. SO_2 16. CCl_4 17. SiF_4 18. CCl_2F_2 19. SiO_2 20. H_2O 21. CH_2ClF 

22. HCN



23. AsF₃

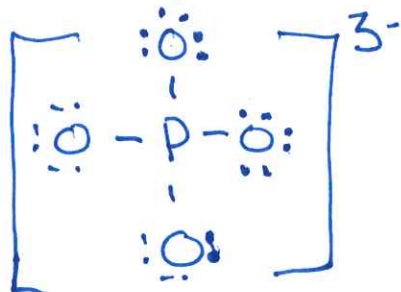


24. CH₂O

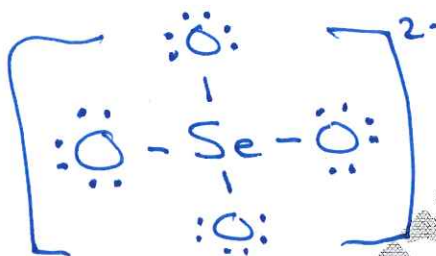


Write the structural formula for each of the following charged covalent compounds.

1. PO₄³⁻



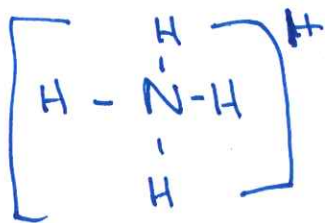
2. SeO₄²⁻



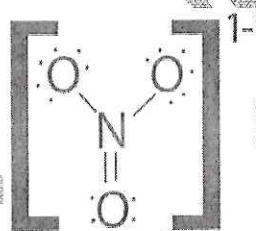
3. SiO₃²⁻



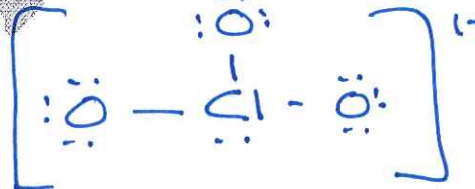
4. NH₄¹⁺



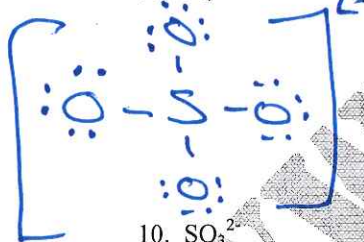
5. NO₃¹⁻



6. ClO₃¹⁻



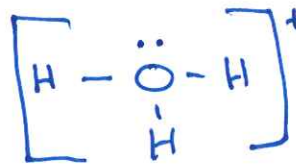
7. SO₄²⁻



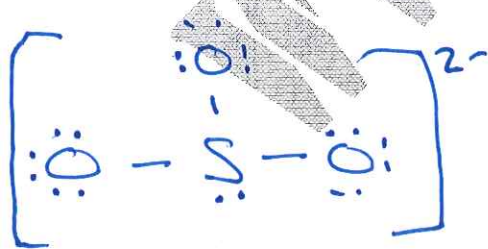
8. NO₂¹⁺



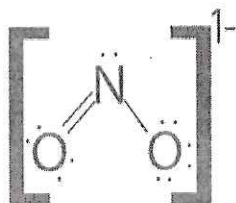
9. H₃O¹⁺



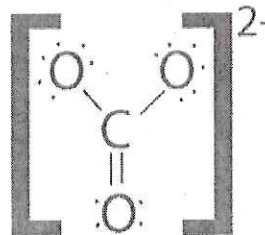
10. SO₃²⁻



11. NO₂¹⁻



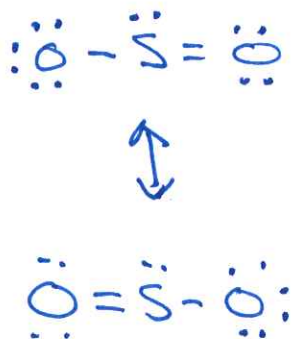
12. CO₃²⁻



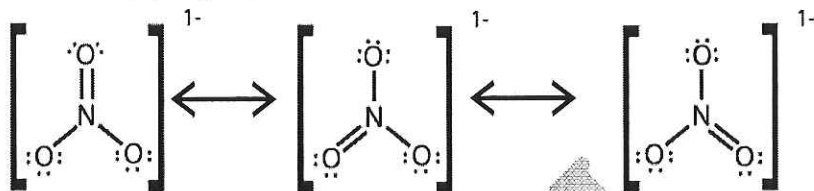
Part 3: Resonance

Write all resonance structures for each of the following.

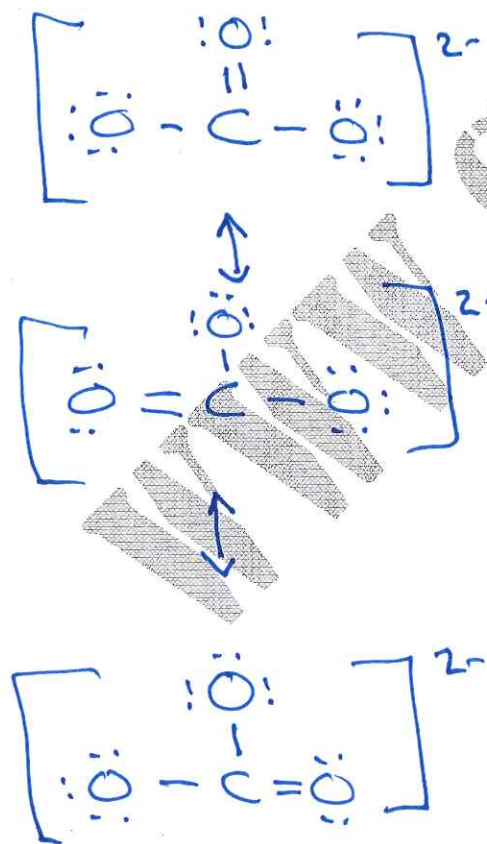
1. SO_2



2. $(\text{NO}_3)^{1-}$



3. $(\text{CO}_3)^{2-}$



4. $(\text{NO}_2)^{1-}$

