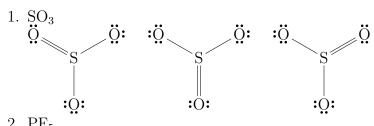
Problem Solving — Chapter 7

Michael Brodskiy

Instructor: Mr. Morgan

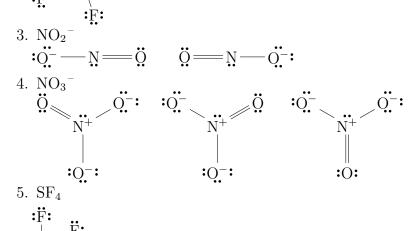
November 19, 2020

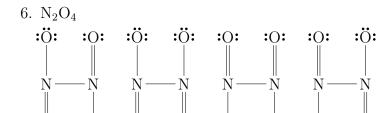
• Draw the Lewis Structure and all resonance forms for each:



3.
$$NO_2^-$$

 $\vdots \overset{\cdot}{O} - \overset{\cdot}{N} = \overset{\cdot}{O} \qquad \overset{\cdot}{O} = \overset{\cdot}{N} - \overset{\cdot}{O} - \overset{\cdot}{O} = \overset{\cdot}{N} - \overset{\cdot}{O} - \overset{\cdot}{O} = \overset{\cdot}{N} = \overset{\cdot}{N} - \overset{\cdot}{O} - \overset{\cdot}{O} = \overset{\cdot}{N} =$





:Ö:

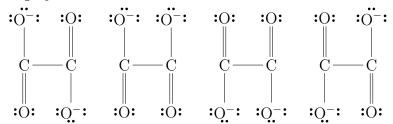
:Ö:

:Ö:

7. CO₂
Ö —— C —— Ö

:O:

- 9. $C_2O_4^{2-}$



- 10. $C_2H_3O^-$ H $C = C \ddot{Q}$
- 11. O_2^{2-}
- 12. NH_2OH
- $13.~{\rm XeF_2}$
- 14. HSO_4^-
- 15. PO_4^{3-}
- 16. HSO₄
- 17. H_2Se
- 18. ClF₅
- 19. SeO_2
- 20. C_2H_4
- 21. SF₂
- 22. O_2

- 23. XeF_4
- 24. $CHCl_3$
- 25. SO_3^{2-}
- 26. CN⁻
- 27. C_3H_8
- 28. ClF_2^+