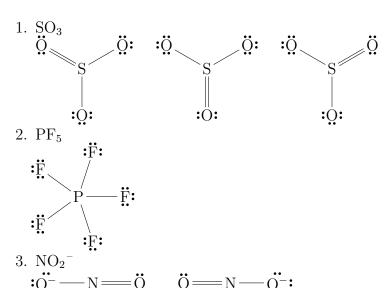
## Problem Solving — Chapter 7

## Michael Brodskiy

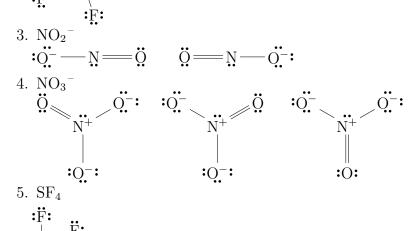
Instructor: Mr. Morgan

November 19, 2020

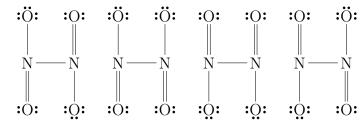
• Draw the Lewis Structure and all resonance forms for each:



3. 
$$NO_2^-$$
  
 $\vdots \overset{\cdot}{O} - \overset{\cdot}{N} = \overset{\cdot}{O} \qquad \overset{\cdot}{O} = \overset{\cdot}{N} - \overset{\cdot}{O} - \overset{\cdot}{N} - \overset{\cdot}{O} - \overset{\cdot}{N} - \overset{\cdot}{O} - \overset{\cdot}{N} - \overset{\cdot}{O} - \overset{\cdot}{N} -$ 



6.  $N_2O_4$ 



- 7.  $CO_2$
- 8.  $ClF_3$
- 9.  $C_2O_4^{2-}$
- 10.  $C_2H_3O^-$
- 11.  $O_2^{2-}$
- 12. NH<sub>2</sub>OH
- 13.  $XeF_2$
- 14.  $HSO_4^-$
- 15.  $PO_4^{3-}$
- 16.  $HSO_4^-$
- 17.  $H_2Se$
- 18.  $ClF_5$
- 19.  $SeO_2$
- 20.  $C_2H_4$
- $21. SF_2$
- 22.  $O_2$
- 23.  $XeF_4$
- 24.  $CHCl_3$
- 25.  $SO_3^{2-}$
- 26. CN<sup>-</sup>
- 27.  $C_3H_8$
- 28.  $ClF_2^+$