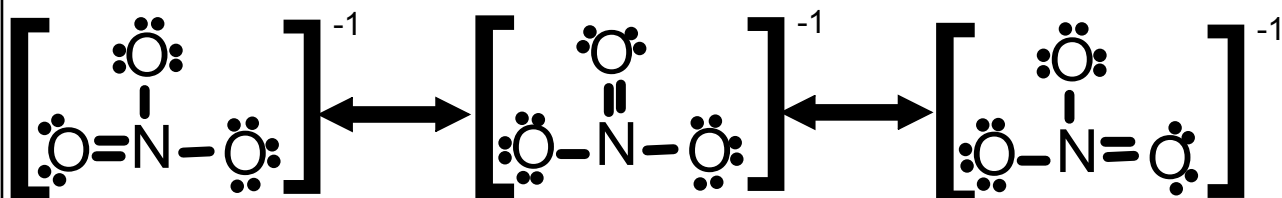


Lewis Dot Answers

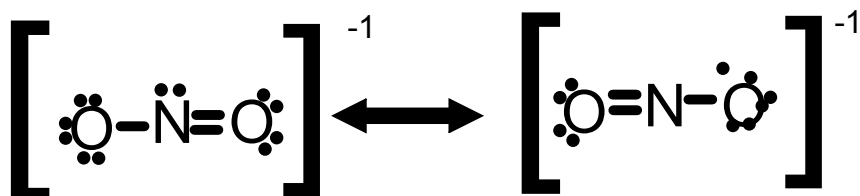
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1. NO_3^{-1}

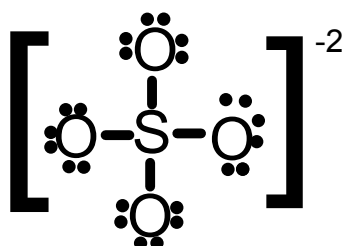
$$5 + 3(6) + 1 = 24 e^-$$

2. NO_2^{-1}

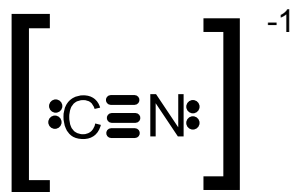
$$5 + 2(6) + 1 = 18 e^-$$

3. SO_4^{-2}

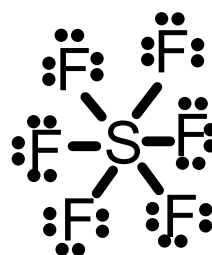
$$6 + 4(6) + 2 = 32 e^-$$

4. CN^{-1}

$$4 + 5 + 1 = 10 e^-$$

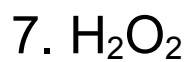
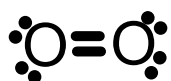
5. SF_6

$$6 + 6(7) = 48 e^-$$

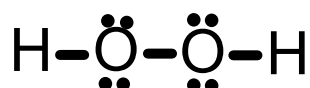




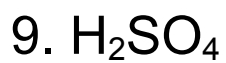
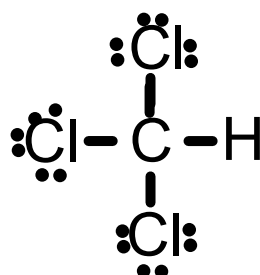
$$6(2) = 12 e^-$$



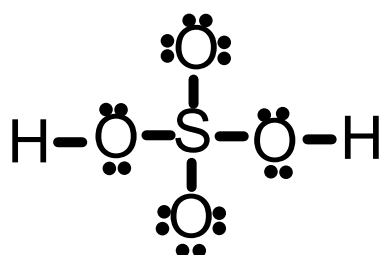
$$2(1) + 2(6) = 14 e^-$$



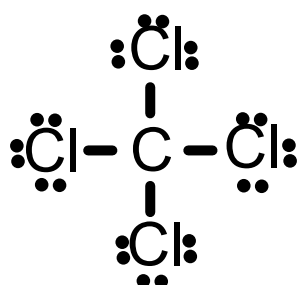
$$4 + 1 + 3(7) = 26 e^-$$



$$2(1) + 6 + 4(6) = 32 e^-$$



$$4 + 4(7) = 32 e^-$$



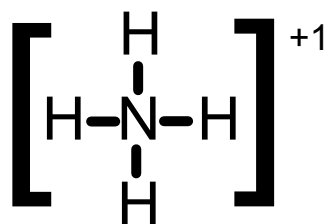
Lewis Dot Diagrams II

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1. Ammonium



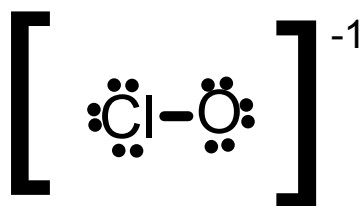
$5 + 4(1) - 1 = 8 e^-$



2. Hypochlorite



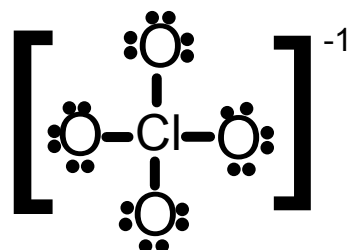
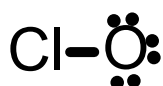
$7 + 6 + 1 = 14 e^-$



3. Perchlorate



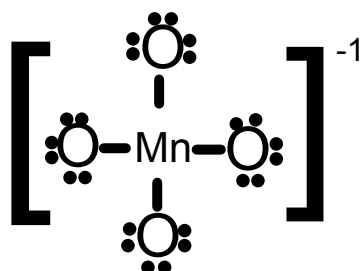
$7 + 4(6) + 1 = 32 e^-$



4. Permanganate (Mn has 7 val e)



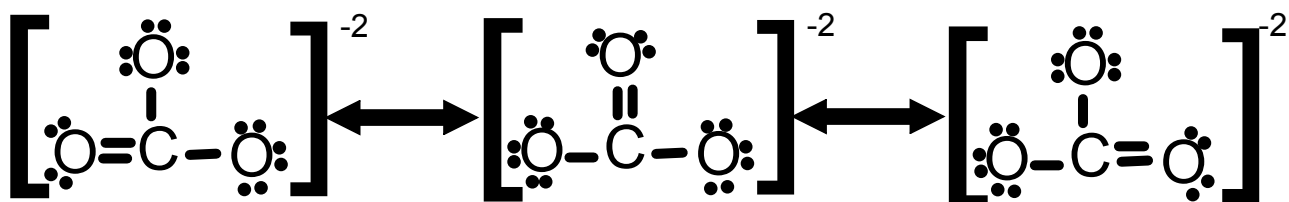
$7 + 4(7) + 1 e^-$

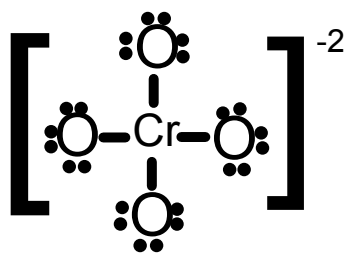
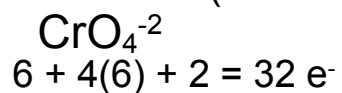


5. Carbonate

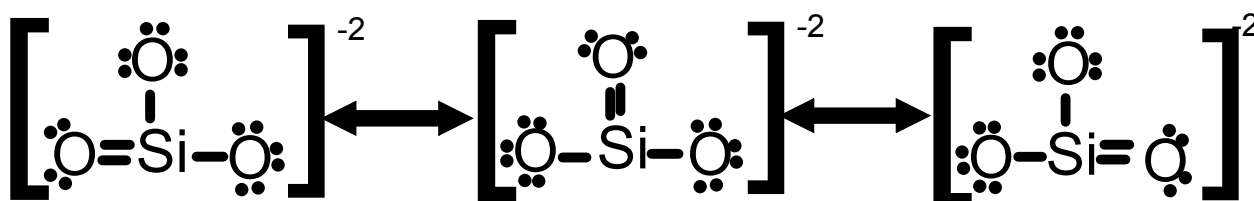


$4 + 3(6) + 2 = 24 e^-$

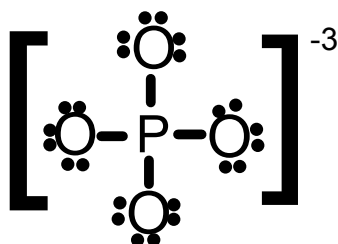
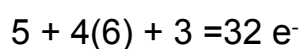


6. Chromate (Cr has 6 val e⁻)

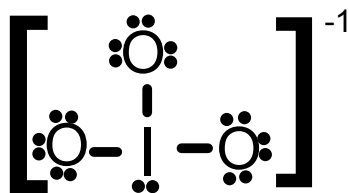
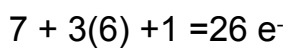
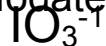
7. Silicate



8. Phosphate



9. Iodate



10. Bromate

