

Draw the electron dot structure of each of the following atom, molecules, or ions:

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|------------------------|------------------------------|
| 1. Si                  | 19. $\text{NO}_2^{1-}$       |
| 2. $\text{SiCl}_4$     | 20. $\text{NO}_3^{1-}$       |
| 3. $\text{SiO}_2$      | 21. $\text{NO}^{1+}$         |
| 4. $\text{Cl}_2$       | 22. $\text{BF}_3$            |
| 5. $\text{ClO}^{1-}$   | 23. $\text{PCl}_3$           |
| 6. $\text{ClO}_4^{1-}$ | 24. $\text{COCl}_2$          |
| 7. $\text{OCl}_2$      | 25. $\text{O}_2$             |
| 8. $\text{PO}_3^{3-}$  | 26. $\text{I}_2$             |
| 9. $\text{PO}_4^{3-}$  | 27. $\text{BeCl}_2$          |
| 10. $\text{N}_2$       | 28. $\text{ClF}_3$           |
| 11. $\text{NH}_4^{1+}$ | 29. $\text{CH}_3\text{OH}$   |
| 12. $\text{NH}_3$      | 30. $\text{PH}_3$            |
| 13. $\text{HCN}$       | 31. $\text{ICl}_4^{1-}$      |
| 14. $\text{SO}_2$      | 32. $\text{CF}_2\text{Cl}_2$ |
| 15. $\text{SO}_3^{2-}$ | 33. $\text{XeO}_4$           |
| 16. $\text{SO}_3$      | 34. $\text{I}_3^{1-}$        |
| 17. $\text{SO}_4^{2-}$ | 35. $\text{CH}_2\text{O}$    |
| 18. $\text{NO}_2$      | 36. $\text{H}_2\text{NNH}_2$ |