

Formula	Final structure (Lewis Structure)	Formula	Final structure (Lewis Structure)
H <sub>2</sub> O	$\begin{array}{r} 10 \\ 6 \\ \hline 4 \end{array}$ $\text{H}-\overset{\text{xx}}{\underset{\text{xx}}{\text{O}}}-\text{H}$	N <sub>2</sub>	$\begin{array}{r} 10 \\ 5 \\ \hline 0 \end{array}$ $\text{N} \equiv \text{N}$
NH <sub>3</sub>	$\begin{array}{r} 10 \\ 5 \\ \hline 5 \end{array}$ $\text{H}-\overset{\text{xx}}{\underset{\text{xx}}{\text{N}}}-\text{H}$	PCl <sub>3</sub>	$\begin{array}{r} 26 \\ 5 \\ 7 \\ 7 \\ 7 \\ \hline 26 \end{array}$ $\text{Cl}-\overset{\text{xx}}{\underset{\text{xx}}{\text{P}}}-\text{Cl}$
O <sub>2</sub>	$\begin{array}{r} 12 \\ 6 \\ \hline 6 \end{array}$ $\text{O} = \text{O}$	PCl <sub>5</sub>	$\begin{array}{r} 40 \\ 5 \\ 7 \\ 7 \\ 7 \\ 7 \\ \hline 40 \end{array}$ $\text{Cl}-\overset{\text{xx}}{\underset{\text{xx}}{\text{P}}}-\text{Cl}$
SO <sub>2</sub>	$\begin{array}{r} 18 \\ 6 \\ \hline 6 \end{array}$ $\text{S} = \text{O} - \text{S}$	NCl <sub>3</sub>	$\begin{array}{r} 26 \\ 5 \\ 7 \\ 7 \\ 7 \\ \hline 26 \end{array}$ $\text{Cl}-\overset{\text{xx}}{\underset{\text{xx}}{\text{N}}}-\text{Cl}$
SO <sub>3</sub>	$\begin{array}{r} 24 \\ 6 \\ \hline 6 \end{array}$ $\text{S} = \text{O} - \text{S}$	CCl <sub>4</sub>	$\begin{array}{r} 32 \\ 4 \\ 7 \\ 7 \\ 7 \\ 7 \\ \hline 32 \end{array}$ $\text{Cl}-\overset{\text{xx}}{\underset{\text{xx}}{\text{C}}}-\text{Cl}$
CO <sub>2</sub>	$\begin{array}{r} 16 \\ 4 \\ \hline 4 \end{array}$ $\text{O} = \text{C} = \text{O}$	IBr <sub>3</sub>	$\begin{array}{r} 28 \\ 7 \\ 7 \\ 7 \\ 7 \\ \hline 28 \end{array}$ $\text{Br}-\overset{\text{xx}}{\underset{\text{xx}}{\text{I}}}-\text{Br}$
CO	$\begin{array}{r} 10 \\ 4 \\ \hline 4 \end{array}$ $\text{C} \equiv \text{O}$	SF <sub>4</sub>	$\begin{array}{r} 34 \\ 6 \\ 7 \\ 7 \\ 7 \\ 7 \\ \hline 34 \end{array}$ $\text{F}-\overset{\text{xx}}{\underset{\text{xx}}{\text{S}}}-\text{F}$

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Formula	Final structure (Lewis Structure)	Formula	Final structure (Lewis Structure)
H <sub>2</sub> S	$\begin{array}{c} 6 \\ 1 \\ \hline 6 \end{array}$ $\begin{array}{c} \times \times \\ \times \times \\ \text{H} \times \times \text{S} \times \times \text{H} \\ \times \times \\ \text{H} - \text{S} - \text{H} \\ \times \times \end{array}$	F <sub>2</sub>	$\begin{array}{c} 7 \\ 7 \\ \hline 14 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{F} \quad \times \times \quad \text{F} \\ \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{F} - \text{F} \\ \times \times \quad \times \times \end{array}$
NBr <sub>3</sub>	$\begin{array}{c} 5 \\ 7 \\ 7 \\ 7 \\ \hline 26 \end{array}$ $\begin{array}{c} \times \times \\ \times \times \\ \text{Br} \times \times \text{N} \times \times \text{Br} \\ \times \times \quad \times \times \\ \text{Br} - \text{N} - \text{Br} \\ \times \times \end{array}$	PI <sub>3</sub>	$\begin{array}{c} 5 \\ 7 \\ 7 \\ 7 \\ \hline 26 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{I} \times \times \text{P} \times \times \text{I} \\ \times \times \quad \times \times \\ \text{I} - \text{P} - \text{I} \\ \times \times \end{array}$
BrF <sub>3</sub>	$\begin{array}{c} 7 \\ 7 \\ 7 \\ 7 \\ \hline 28 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{F} \times \times \text{Br} \times \times \text{F} \\ \times \times \quad \times \times \\ \text{F} - \text{Br} - \text{F} \\ \times \times \quad \times \times \end{array}$	NBr <sub>5</sub>	$\begin{array}{c} 5 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ \hline 40 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{Br} \times \times \text{N} \times \times \text{Br} \\ \times \times \quad \times \times \\ \text{Br} \times \times \text{N} \times \times \text{Br} \\ \times \times \quad \times \times \\ \text{Br} \times \times \text{N} \times \times \text{Br} \\ \times \times \quad \times \times \\ \text{Br} \times \times \text{N} \times \times \text{Br} \\ \times \times \quad \times \times \end{array}$
SeS <sub>2</sub>	$\begin{array}{c} 6 \\ 6 \\ 6 \\ \hline 18 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{S} \times \times \text{Se} \times \times \text{S} \\ \times \times \quad \times \times \\ \text{S} = \text{Se} - \text{S} \\ \times \times \quad \times \times \end{array}$	NCl <sub>3</sub>	$\begin{array}{c} 5 \\ 7 \\ 7 \\ 7 \\ \hline 26 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{Cl} \times \times \text{N} \times \times \text{Cl} \\ \times \times \quad \times \times \\ \text{Cl} - \text{N} - \text{Cl} \\ \times \times \quad \times \times \end{array}$
SeO <sub>3</sub>	$\begin{array}{c} 6 \\ 6 \\ 6 \\ 6 \\ \hline 24 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{O} \times \times \text{Se} \times \times \text{O} \\ \times \times \quad \times \times \\ \text{O} - \text{Se} = \text{O} \\ \times \times \quad \times \times \end{array}$	SiF <sub>4</sub>	$\begin{array}{c} 4 \\ 7 \\ 7 \\ 7 \\ \hline 32 \end{array}$ $\begin{array}{c} \times \times \\ \times \times \\ \text{F} - \text{Si} - \text{F} \\ \times \times \quad \times \times \\ \text{F} \\ \times \times \end{array}$
ClF <sub>3</sub>	$\begin{array}{c} 7 \\ 7 \\ 7 \\ 7 \\ \hline 28 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{F} \times \times \text{Cl} \times \times \text{F} \\ \times \times \quad \times \times \\ \text{F} - \text{Cl} - \text{F} \\ \times \times \quad \times \times \end{array}$	XeF <sub>4</sub>	$\begin{array}{c} 8 \\ 7 \\ 7 \\ 7 \\ 7 \\ \hline 36 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{F} \times \times \text{Xe} \times \times \text{F} \\ \times \times \quad \times \times \\ \text{F} - \text{Xe} - \text{F} \\ \times \times \quad \times \times \\ \text{F} \times \times \text{Xe} \times \times \text{F} \\ \times \times \quad \times \times \end{array}$
SiBr <sub>4</sub>	$\begin{array}{c} 4 \\ 7 \\ 7 \\ 7 \\ 7 \\ \hline 32 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{Br} \times \times \text{Si} \times \times \text{Br} \\ \times \times \quad \times \times \\ \text{Br} \times \times \text{Si} \times \times \text{Br} \\ \times \times \quad \times \times \\ \text{Br} \times \times \text{Si} \times \times \text{Br} \\ \times \times \quad \times \times \end{array}$	OCl <sub>2</sub>	$\begin{array}{c} 6 \\ 7 \\ 7 \\ \hline 20 \end{array}$ $\begin{array}{c} \times \times \quad \times \times \\ \times \times \quad \times \times \\ \text{Cl} \times \times \text{O} \times \times \text{Cl} \\ \times \times \quad \times \times \\ \text{Cl} - \text{O} - \text{Cl} \\ \times \times \quad \times \times \end{array}$

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