



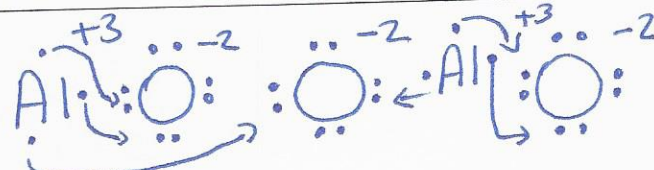
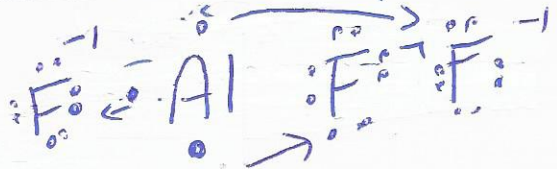

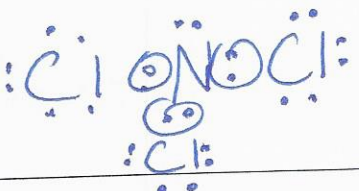


Bond Worksheet 1

Compound	Lewis structure	Molecular formula
Trihydrogen phosphide		H ₃ P
Calcium oxide		CaO
Hydrogen		H ₂
Hydrogen chloride		HCl
Aluminum oxide		Al ₂ O ₃
Aluminum fluoride		AlF ₃
Bromine		Br ₂
Nitrogen trichloride		NCl ₃

Sulfur dichloride	$\begin{array}{c} \cdot\cdot \\ \cdot\cdot \\ \text{Cl} \cdot \cdot \cdot \cdot \text{S} \cdot \cdot \cdot \cdot \text{Cl} \cdot \cdot \\ \cdot\cdot \\ \cdot\cdot \end{array}$	SCl_2
Lithium sulphide	$\begin{array}{c} +1 \quad \cdot\cdot \cdot\cdot -2 \quad +1 \\ \text{Li} \cdot \cdot \rightarrow \cdot\cdot \cdot\cdot \text{S} \cdot\cdot \cdot\cdot \leftarrow \cdot\cdot \text{Li} \\ \cdot\cdot \end{array}$	Li_2S
Oxygen	$\begin{array}{c} \cdot\cdot \\ \cdot\cdot \\ \text{O} \cdot \cdot \cdot \cdot \text{O} \cdot \cdot \\ \cdot\cdot \\ \cdot\cdot \end{array}$	O_2
Magnesium chloride	$\begin{array}{c} +2 \quad \cdot\cdot \cdot\cdot -1 \\ \text{Mg} \cdot \cdot \rightarrow \cdot\cdot \cdot\cdot \text{Cl} \cdot\cdot \cdot\cdot -1 \\ \cdot\cdot \cdot\cdot \cdot\cdot \cdot\cdot \\ \text{Mg} \cdot \cdot \rightarrow \cdot\cdot \cdot\cdot \text{Cl} \cdot\cdot \cdot\cdot -1 \\ \cdot\cdot \end{array}$	MgCl_2
Nitrogen	$\begin{array}{c} \cdot\cdot \\ \cdot\cdot \\ \text{N} \cdot \cdot \cdot \cdot \text{N} \cdot \cdot \\ \cdot\cdot \\ \cdot\cdot \end{array}$	N_2
Dichlorine monoxide	$\begin{array}{c} \cdot\cdot \\ \cdot\cdot \\ \text{Cl} \cdot \cdot \cdot \cdot \text{O} \cdot \cdot \cdot \cdot \text{Cl} \cdot \cdot \\ \cdot\cdot \\ \cdot\cdot \end{array}$	Cl_2O
Phosorus tribromide	$\begin{array}{c} \cdot\cdot \\ \cdot\cdot \\ \text{Br} \cdot \cdot \cdot \cdot \text{P} \cdot \cdot \cdot \cdot \text{Br} \cdot \cdot \\ \cdot\cdot \\ \cdot\cdot \\ \cdot\cdot \\ \cdot\cdot \\ \text{Br} \cdot \cdot \\ \cdot\cdot \end{array}$	PBr_3
Aluminum Iodide	$\begin{array}{c} +3 \\ \cdot\cdot \cdot\cdot -1 \\ \cdot\cdot \cdot\cdot \cdot\cdot \cdot\cdot \\ \cdot\cdot \cdot\cdot \cdot\cdot \cdot\cdot \\ \cdot\cdot \cdot\cdot -1 \\ \cdot\cdot \end{array}$	AlI_3