

Special Topic B: Halide Clusters

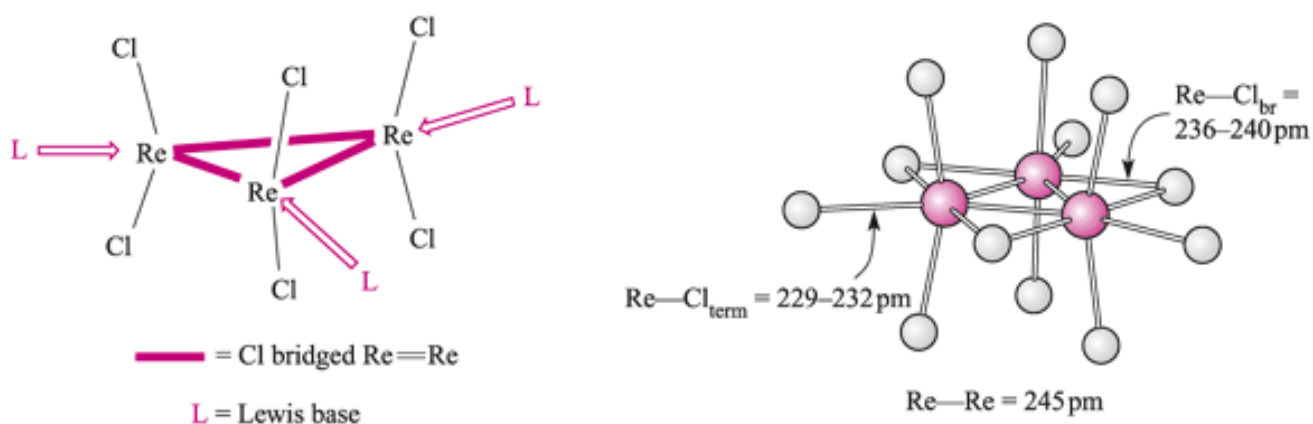
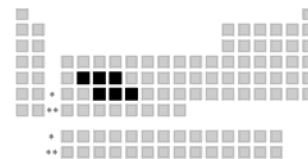


Figure B.1 Sites of addition of Lewis bases to Re_3Cl_9 and the structure of $[\text{Re}_3\text{Cl}_{12}]^{3-}$.

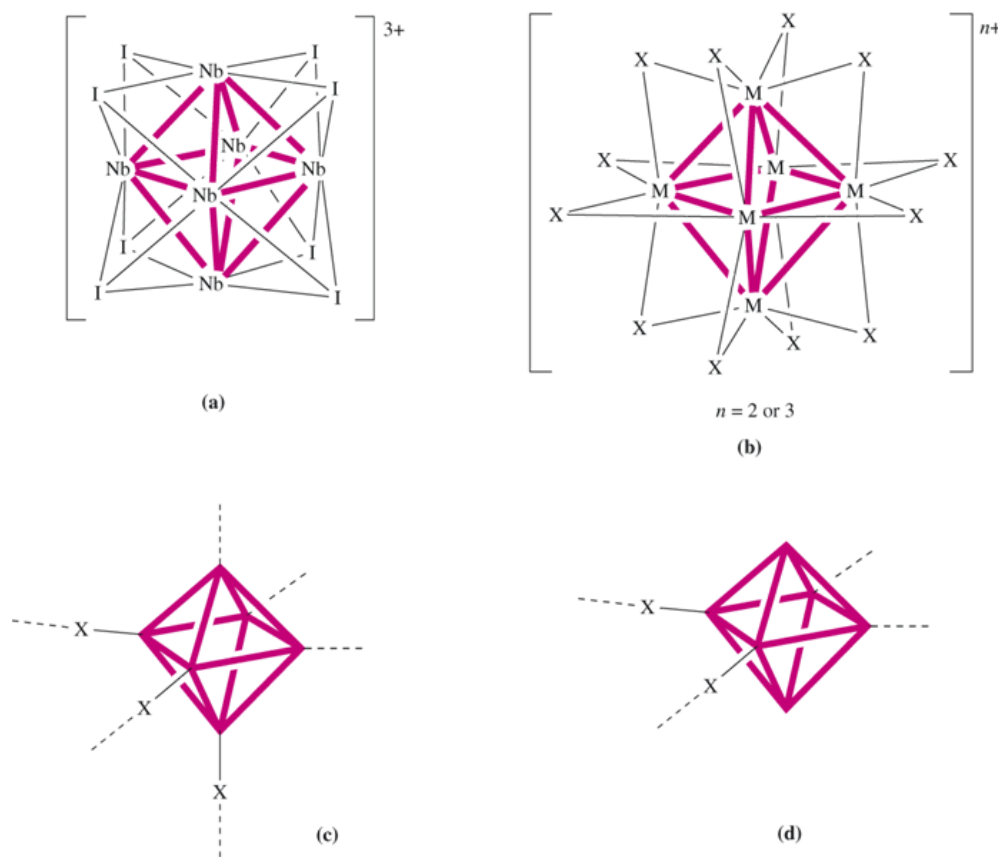


Figure B.2 (a) $[\text{Nb}_6\text{I}_8]^{3+}$ unit found in Nb_6I_{11} ; (b) $[\text{M}_6\text{X}_{12}]^{n+}$ ($n = 2 \text{ or } 3$) unit found in compounds of type M_6X_{14} and M_6X_{15} ($\text{M} = \text{Nb}, \text{Ta}$); (c) 3D network seen for M_6X_{15} ; (d) 2D sheet structure observed for M_6X_{14} .