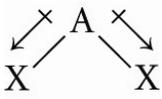
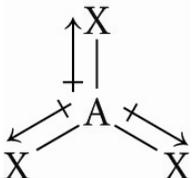
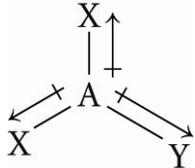
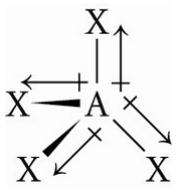
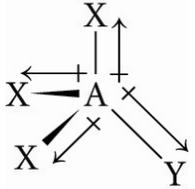
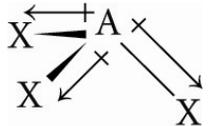


Molecular Shapes and Polarity

Molecular shape	Bond polarity	Molecular polarity
linear	$\begin{array}{c} \leftarrow + + \rightarrow \\ \text{X} - \text{A} - \text{X} \end{array}$	non-polar
linear	$\begin{array}{c} \leftarrow + + \rightarrow \\ \text{X} - \text{A} - \text{Y} \end{array}$	polar
bent		polar
trigonal planar		non-polar
trigonal planar		polar
tetrahedral		non-polar
tetrahedral		polar
pyramidal		polar