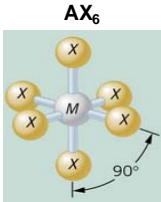
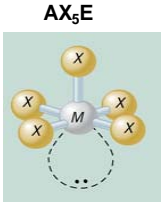
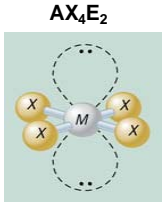
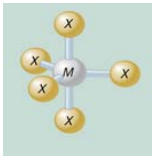
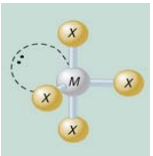
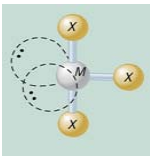
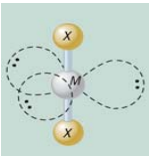
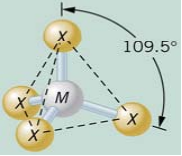
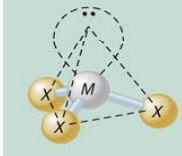
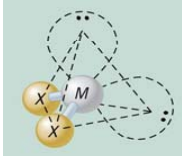
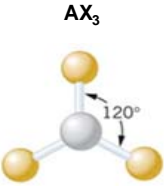

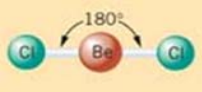


REPRESENTATIVE VSEPR STRUCTURES

| | | | | |
|---|---|---|---|--|
| |  <p>AX₆ Octahedral</p> |  <p>AX₅E Square pyramidal</p> |  <p>AX₄E₂ Square planar</p> | |
| Bonding Domains Nonbonding Domains Hybridization | 6 0 sp³d² | 5 1 sp³d² | 4 2 sp³d² | |
| |  <p>AX₅ Trigonal bipyramidal</p> |  <p>AX₄E See-saw (distorted tetrahedral)</p> |  <p>AX₃E₂ T-Shaped</p> |  <p>AX₂E₃ Linear</p> |
| Bonding Domains Nonbonding Domains Hybridization | 5 0 sp³d | 4 1 sp³d | 3 2 sp³d | 2 3 sp³d |
| |  <p>AX₄ Tetrahedral</p> |  <p>AX₃E Trigonal pyramidal</p> |  <p>AX₂E₂ Bent (angular)</p> | |
| Bonding Domains Nonbonding Domains Hybridization | 4 0 sp³ | 3 1 sp³ | 2 2 sp³ | |
| |  <p>AX₃ Trigonal planar</p> |  <p>AX₂E Bent (angular)</p> | | |
| Bonding Domains Nonbonding Domains Hybridization | 3 0 sp² | 2 1 sp² | | |
| |  <p>AX₂ Linear</p> | | | |
| Bonding Domains Nonbonding Domains Hybridization | 2 0 sp | | | |