**ANSWERS: Additional questions on shapes of molecules**

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| BCl3    trigonal planar  120**°** | | H2O2  http://www.chemeddl.org/resources/models360/files/784/h2o2.png  bent/v-shaped  less than 109.5 **°** | SCl2    less than 109.5**°**  bent or v-shaped | CF4  A person standing next to a gas molecule  Description automatically generated  tetrahedral  109**°** | | |
| CO    linear  180**°** | | BeCl2    180 **°**  linear | SiH4    tetrahedral | Br2    linear  180**°** | | |
| NH2OH    trigonal pyramidal  as well as  bent or v-shaped  both angles less than 109.5 **°** | O3    bent or v-shaped  less than 120**°** | | **HNO2**    **bent or v-shaped**  less than 109.5 **°** | P4  p4.jpg  trigonal pyramidal shape around each P atom  109.5 **°**  but with a  tetrahedral shape overall | | |
| SiH2F2    tetrahedral  109**°** | COCl2    120**°**  trigonal planar | | HOCl  A molecule of water with letters and numbers  Description automatically generated  less than 109.5**°**  bent or v-shaped | | SO3    120**°**  trigonal planar |

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