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

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| BCl3trigonal planar120**°** | H2O2http://www.chemeddl.org/resources/models360/files/784/h2o2.pngbent/v-shapedless than 109.5 **°** | SCl2less than 109.5**°**bent or v-shaped | CF4A person standing next to a gas molecule  Description automatically generatedtetrahedral109**°** |
| COlinear 180**°** | BeCl2180 **°**linear | SiH4tetrahedral | Br2linear 180**°** |
| NH2OHtrigonal pyramidalas well asbent or v-shapedboth angles less than 109.5 **°** | O3bent or v-shapedless than 120**°** | **HNO2****bent or v-shaped**less than 109.5 **°** | P4 p4.jpgtrigonal pyramidal shape around each P atom 109.5 **°**but with a tetrahedral shape overall |
| SiH2F2tetrahedral109**°** | COCl2120**°**trigonal planar | HOClA molecule of water with letters and numbers  Description automatically generatedless than 109.5**°**bent or v-shaped | SO3120**°**trigonal planar |

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