**Additional questions on shapes of molecules**

**QUESTION: For each of the molecules shown in the table**

**i) draw the arrangement of the atoms in each molecule**

**ii) name the shape of each molecule**

**iii) state the bond angles**

|  |  |  |  |
| --- | --- | --- | --- |
| BCl3 | H2O2 | SCl2 | CF4 |
| CO | BeCl2 | SiH4 | Br2 |
| NH2OH | O3 | **HNO2** | P4 (this is a tricky one!) |
| SiH2F2 | COCl2 | **HOCl** | SO3 |

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