**Additional questions on bond dipole and polarity of molecules**

|  |  |
| --- | --- |
|  | **bond dipoles present within the molecule?** |
| **HF** |  |
| **H2** |  |
| **HBr** |  |
| **O2** |  |
| **C = O** |  |

**Are the following molecules polar or non-polar?**

|  |  |  |
| --- | --- | --- |
| **CS2** | **N2** | **CH3OH** |
| **HCN** | **PCl3** | **O2** |
| **CH3COCH3**  http://s3.amazonaws.com/readers/2010/12/14/acetonestructural_1.png | **CH4** | **C2H4** |
| **PH3** | **SF2** | O3 |

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