Polarity Worksheet

For each of the following pairs of molecules, determine which is most polar and explain your reason for making this choice:

- 1) carbon disulfide OR sulfur difluoride

 2) nitrogen trichloride OR oxygen dichloride

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 - 3) boron trihydride OR ammonia

OR

phosphorus trichloride

- 5) silicon dioxide OR carbon dioxide
- 6) methane OR $\mathrm{CH_2Cl_2}$

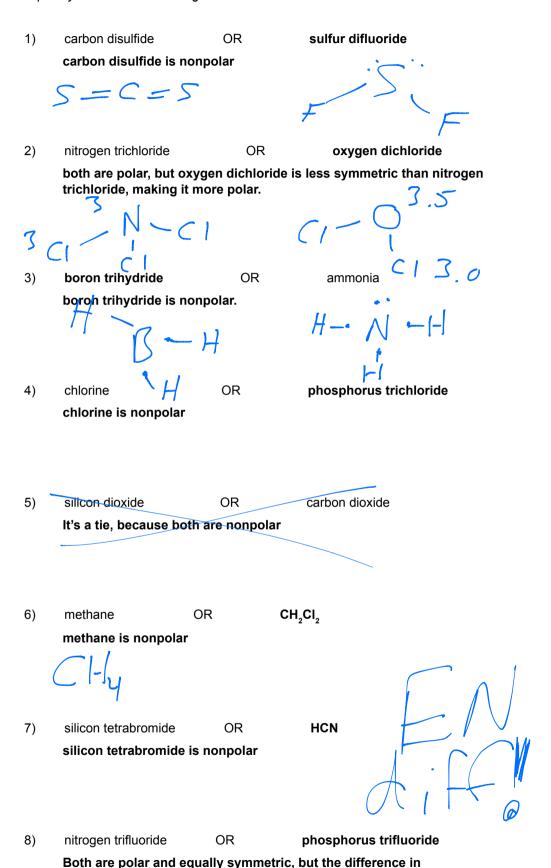
4)

chlorine

- 7) silicon tetrabromide OR HCN
- 8) nitrogen trifluoride OR phosphorus trifluoride

Polarity Worksheet Answers

For each of the following pairs of molecules, determine which is most polar and explain your reason for making this choice:



electronegativity between N-F is less than that between P-F