

Intermolecular Forces Worksheet

*For each of the following compounds, determine the main intermolecular force.
You may find it useful to draw Lewis structures for some of these molecules:*

1) nitrogen _____

2) carbon tetrachloride _____

3) H_2S _____

4) sulfur monoxide _____

5) N_2H_2 _____

6) boron trihydride _____

7) CH_4O _____

8) SiH_2O _____

Intermolecular Forces Worksheet Answers

For each of the following compounds, determine the main intermolecular force.
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1) nitrogen – **Van der Waals forces**

Hi

Franny!

2) carbon tetrachloride – **Van der Waals forces**

3) H_2S – **dipole-dipole forces**

4) sulfur monoxide – **dipole-dipole forces**

5) N_2H_2 – **hydrogen bonding**

6) boron trihydride – **Van der Waals forces**

7) CH_4O – **hydrogen bonding**

8) SiH_2O – **dipole-dipole forces**

