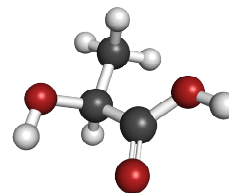


Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Chemistry

Worksheet 62

# Intermolecular Forces



**DESCRIBE** intermolecular forces.

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**DESCRIBE** the following:

ion-ion forces –

dipole forces –

dispersion forces –

hydrogen bond forces -

**DRAW THE SHAPE** for the following molecules.

**H<sub>2</sub>S**

**SiH<sub>4</sub>**

**CH<sub>3</sub>Cl**

**H<sub>2</sub>O**

**NH<sub>3</sub>**

**TELL THE POLARITY** of the following molecules.

\_\_\_\_\_ **H<sub>2</sub>S**

\_\_\_\_\_ **SiH<sub>4</sub>**

\_\_\_\_\_ **CH<sub>3</sub>Cl**

\_\_\_\_\_ **H<sub>2</sub>O**

\_\_\_\_\_ **NH<sub>3</sub>**

\_\_\_\_\_

**TELL WHICH INTERMOLECULAR FORCES** are present in the following molecules.

**H<sub>2</sub>S**

**SiH<sub>4</sub>**

**CH<sub>3</sub>Cl**

**H<sub>2</sub>O**

**NH<sub>3</sub>**

**"The greatest mistake you can make in life is to be continually  
fearing you will make one." ~ Elbert Hubbard**