Chemistry Worksheet	NAME:
Phase Properties of Water – When Water Freezes	Block:
Respond appropriately in the space provide	ed. Show all work, and work neatly.
Water is an abundant substance on the surface of ear substance in terms all life, as well as for the formatic crust.	
1. Draw a Lewis structure, and sketch a picture tha	t represents a single water molecule.
2. Describe the chemical bonds of the water molec	ule.
3. Draw a picture of at least 15 water molecules in representation for water molecules, such as	
4. Describe the intermolecular forces that exist between	ween water molecules in the liquid phase.
5. Draw a picture of at least 15 water molecules in	the solid phase.
6. Draw a picture that shows what happens when w	vater freezes (liquid to solid)

intramolecular forces (chemical bonds) and the intermolecular forces.

13. Describe the intermolecular forces that exist between water molecules in the *vapor phase*.