Quiz Pod: States of Matter 2 Name _____

Properties of states of matter:
[first row: 2 points each, second row 1 point each, third row 1 point each]

Draw a diagram of how the molecules move in a solid: Use arrows to show how molecules move!	Draw a diagram of how the molecules move in a liquid: Use arrows to show how molecules move!	Draw a diagram of how the molecules move in a gas: Use arrows to show how molecules move!
In at least one complete sentence, describe how the molecules move in a solid:	In at least one complete sentence, describe how the molecules move in a liquid:	In at least one complete sentence, describe how the molecules move in a gas:
If I drop a SOLID into a container, does it change the *shape* and *volume* of my SOLID? If so, how?	If I pour a LIQUID into a container, does it change the *shape* and *volume* of my LIQUID? If so, how?	If I pump a GAS into a closed container, does it change the *shape* and *volume* of my GAS? If so, how?

What is a plasma? Describe how protons, neutrons, and electrons are arranged in a plasma.
[2 points]

Changes of State
Explain the difference between *evaporation* and *boiling*.
[2 points]

You are holding a cold drink.
You find that water droplets appear on the sides of the drink.
Explain where these water droplets came from.
[Your answer should be at least 2 sentences]
[2 points]

Dry ice is frozen carbon dioxide (CO_2) gas. Explain why it is *dry* ice and normal (H_20) ice is *wet* ice.
[2 points]