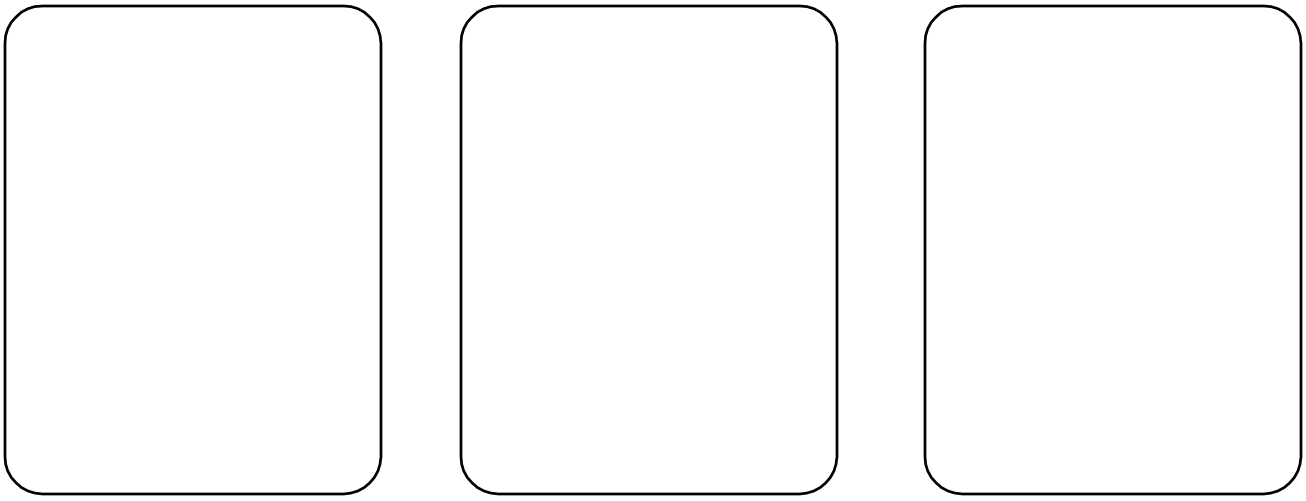
The States of Matter

State of Matter	Energy of Particles	Closeness of Particles	Shape/ Volume
Solid			
Liquid			
Gas			



A fourth state of matter is called “plasma.” It is a mixture of free electrons and ions or atomic nuclei. A plasma is formed when the temperature of a gas is raised so high that the collision of the atoms becomes very violent, knocking loose electrons. As a result, the gas contains charged particles.

Melting Point: _____
_____

Freezing Point: _____
_____
= This is the same temperature as the melting point!!

Boiling Point: _____
_____

Evaporation: _____
= Affected by:
_____
_____

Condensation (Point): _____
_____

Freezing and Boiling Points of Common Substances

Substance	Freezing Point (^{o}F/^{o}C)	Boiling Point (^{o}F/^{o}C)
Iron		
Mercury		
Nitrogen		
Oxygen		
Water		