

Name \_\_\_\_\_ Period \_\_\_\_\_

College Prep Chemistry of the Earth

Assignment 5J – Energy and State Change

20 Points

*Answer the following questions*

Define each state change, and the energy required for each state change

Solid to Liquid Name	Liquid to Gas Name	Solid to Gas Name
Energy to Change State	Energy to Change State	Energy to Change State

Liquid to Solid Name	Gas to Liquid Name	Gas to Solid Name
Energy to Change State	Energy to Change State	Energy to Change State

For each state of matter, explain how the molecules move in the state of matter

Solid Movement	Liquid Movement	Gas Movement

Answer the following questions

Why is the energy to change state different between different molecules in the same state?	How does electronegativity effect energy to change state?