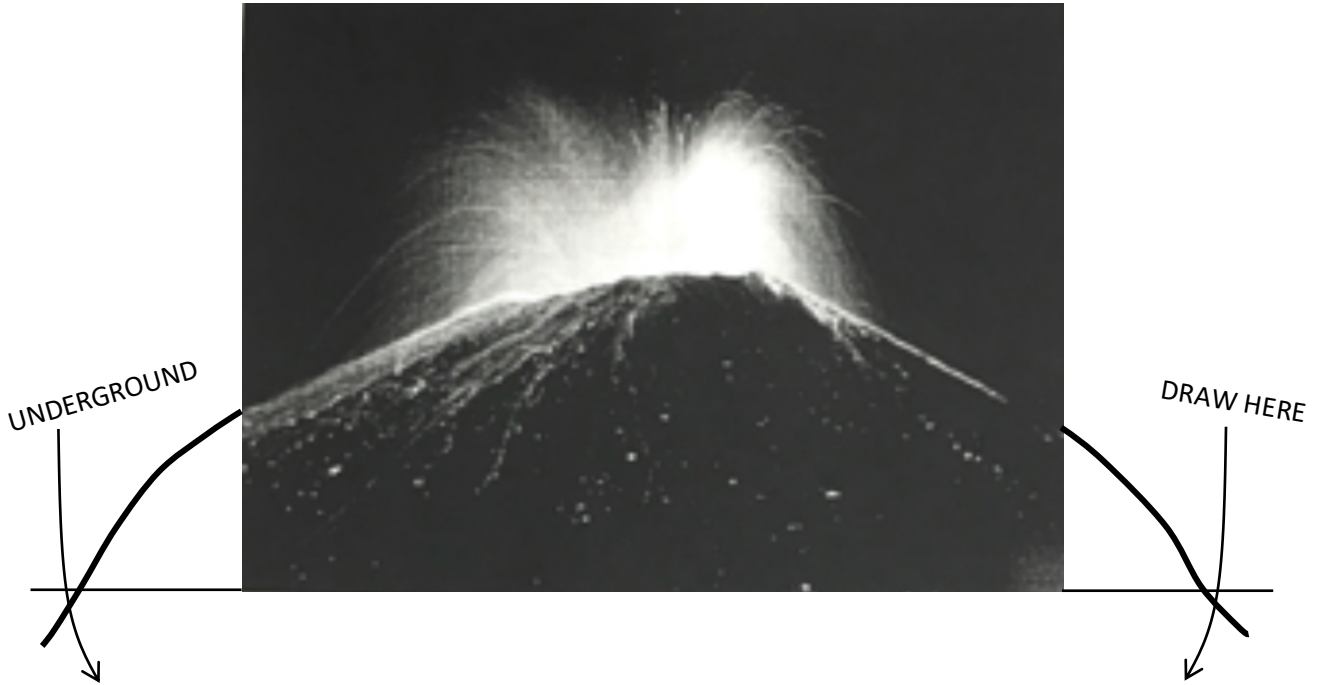


Name: _____

Heat Transfer and Earth's Structure
What Makes Volcanoes Erupt?

Part I: BOOM! A Mount Kilauea just erupted in Hawaii. Draw what you think occurred underground this volcano that caused it to erupt.



Explain what you drew: _____

Part II: Just below Earth's crust is the mantle—the Earth's mantle is made up of super hot rock that is about the consistency of honey. The movement of this goopy rock causes Earth's crust to shift, which causes volcanoes and earthquakes.

Which one of the diagrams below best explains how the mantle moves, causing the Earth's crust to also move?

a)



b)



c)



Explain your selection: _____
