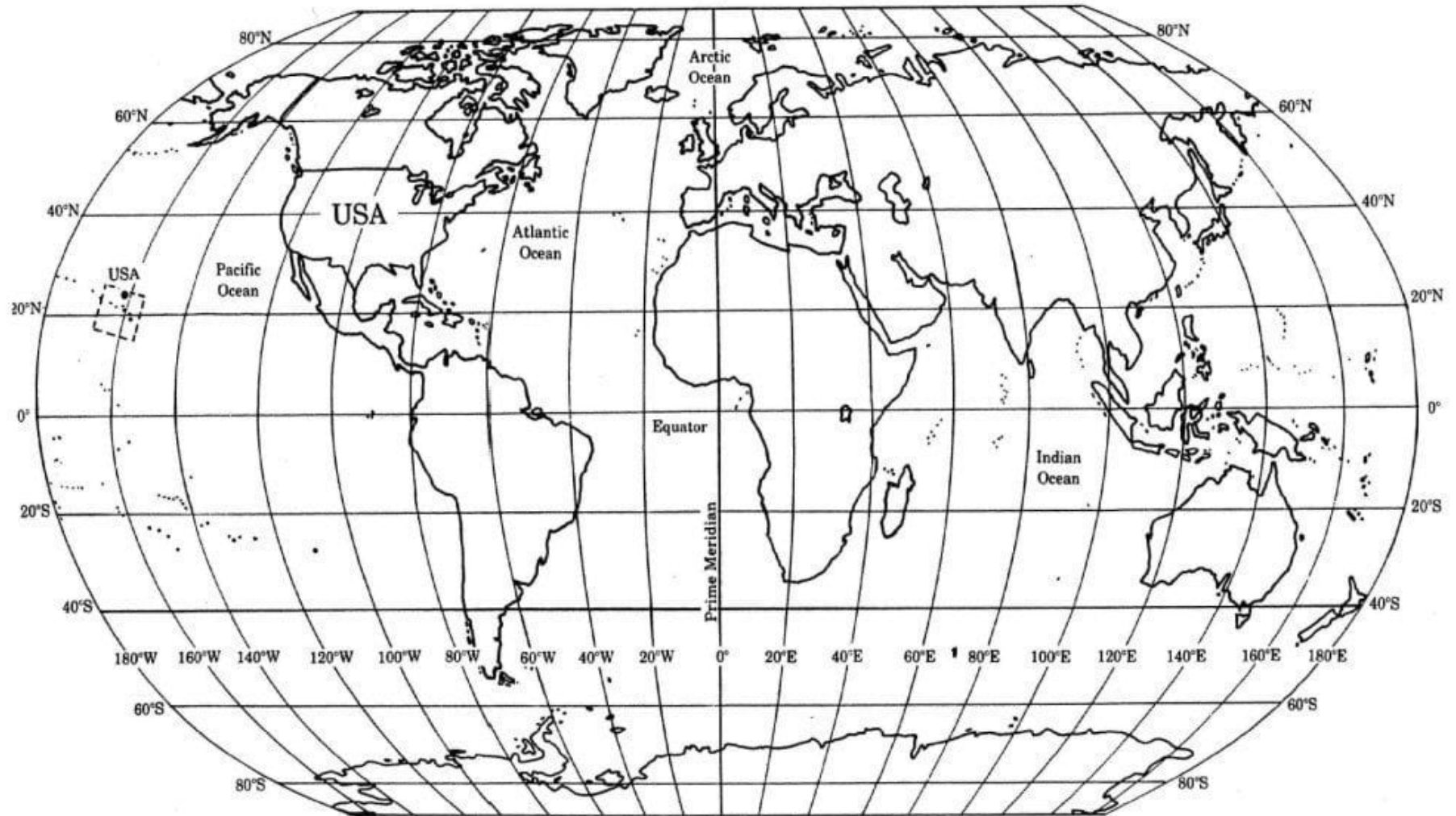


Name _____

What do you know about volcanoes?

What did you notice in the video? What did you wonder about?

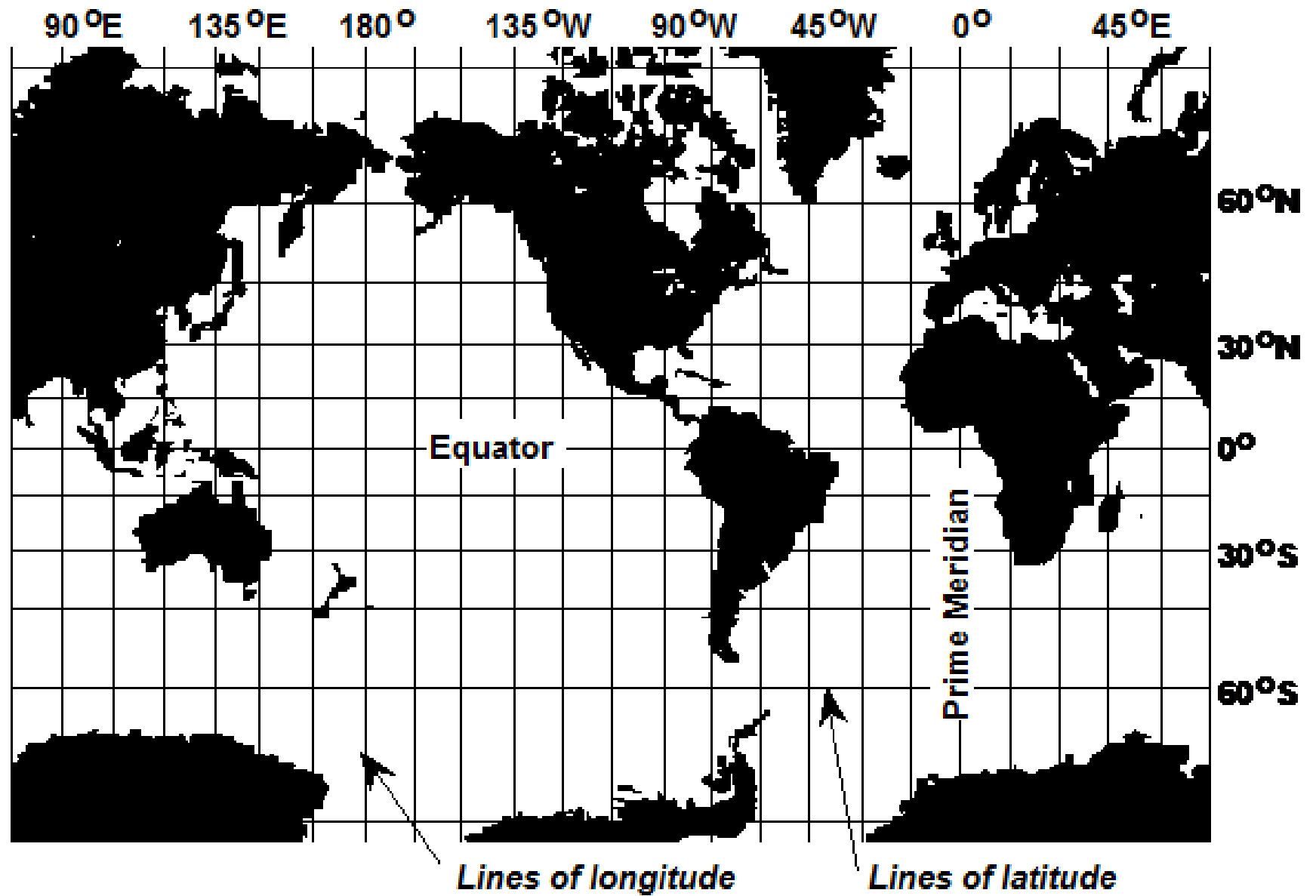
World Map



Place a 1 on the first location you might find a volcano. Why did you choose this location? Justify your answer.

My role: _____

After you complete your map, answer the following questions: What patterns did you find in the volcano locations? How did you analyze the data and identify patterns to help you make new predictions?



Which map is best suited to help you visualize the data as you identify the patterns and draw conclusions about the locations of the volcanoes?

Based on the map analysis, where do you predict that an unidentified volcano would be found? Write three sentences supporting this claim using evidence from the maps.

Claim:

Evidence:

Reasoning:

How did reorganizing your data on the second map enable you to identify patterns in the locations of the volcanoes?

You meet a student who lives in the Philippines, in the shadow of Mt. Pinatubo. What questions would you ask this person about living near an active volcano?

Geographic Region/Volcano _____

Research Notes

Given our ability to identify locations likely to experience active volcanoes, should we restrict the construction of new residential areas in the shadow of active volcanoes? Write three paragraphs justifying your position.