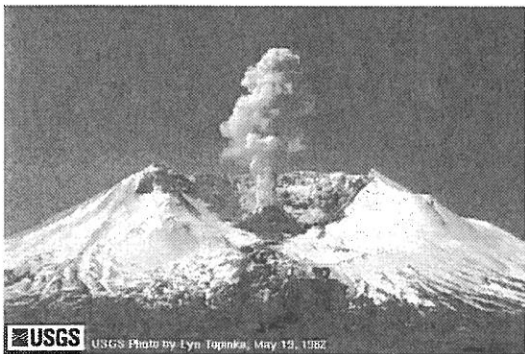


## Analysis Questions

1. Which type of continental margin is found along the Atlantic coastlines of North America, South America, Europe and Africa?

Where else is this type of continental margin found?



2. Which type of continental margin is found primarily along Pacific coastlines?
3. What is the relationship between passive margins and mid-ocean ridges?

4. What is the relationship between active margins and trenches?

5. Why are there so many earthquakes in southern California?

6. Why are Pacific coastlines known as the "Ring of Fire"?



7. Why are Atlantic coastlines relatively free of earthquakes and volcanoes?

8. Sketch a cross section of a passive margin, labeling important features such as continent, continental shelf, continental slope, abyssal plain, and mid-ocean ridge.

9. Sketch a cross section of an active margin, labeling important features such as continent, continental shelf, continental slope, and trench. (Use a separate sheet of paper if needed.)