

# Volcanoes

3/6

Page 51

3 Margin Questions + Summary

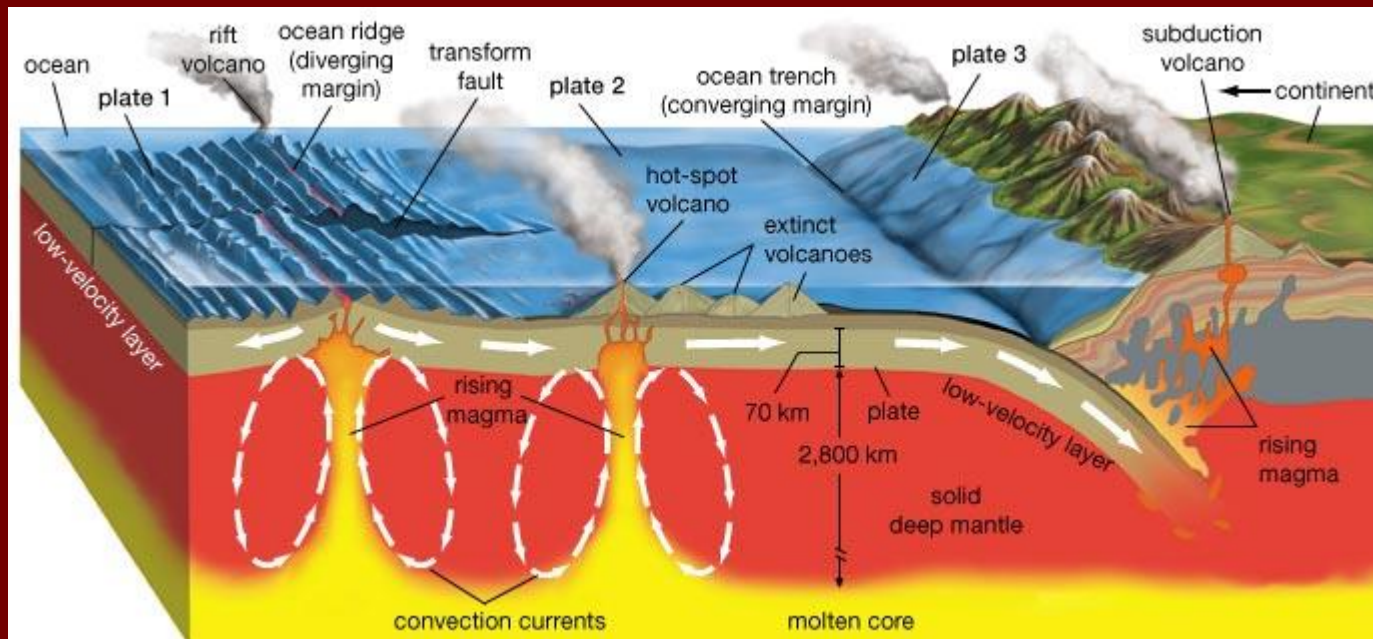
- Volcano – a place where magma and gases reach the Earth's surface





# I. Where volcanoes form

## ■ Convergent boundaries (subduction zones)





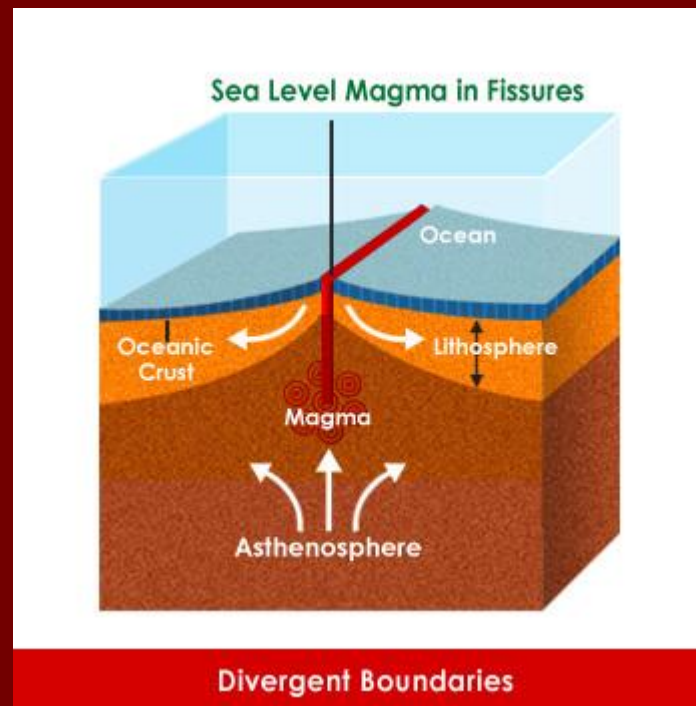






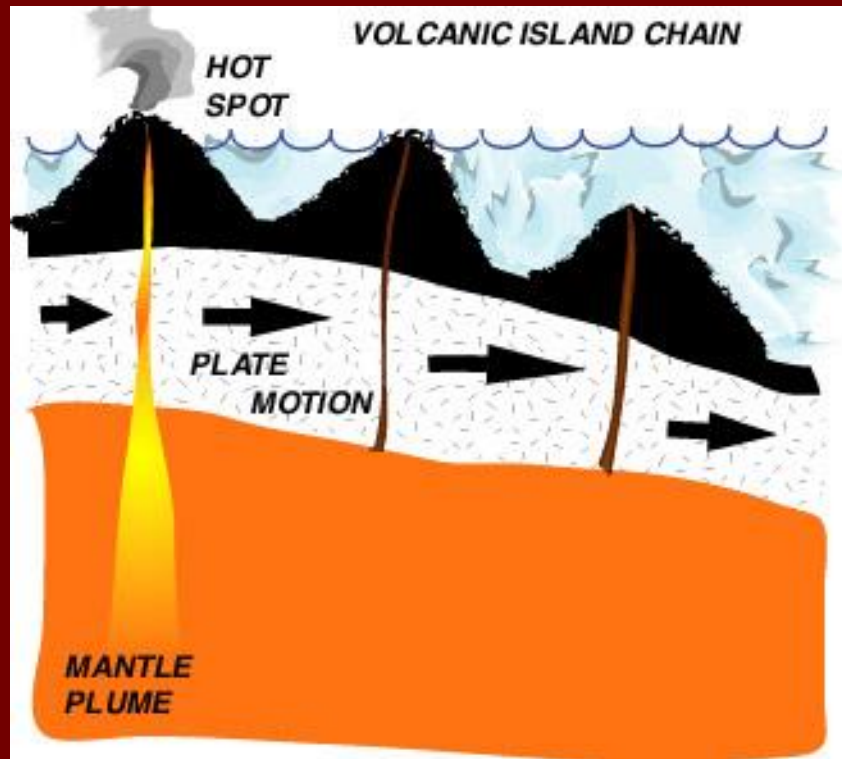


## ■ Divergent boundaries

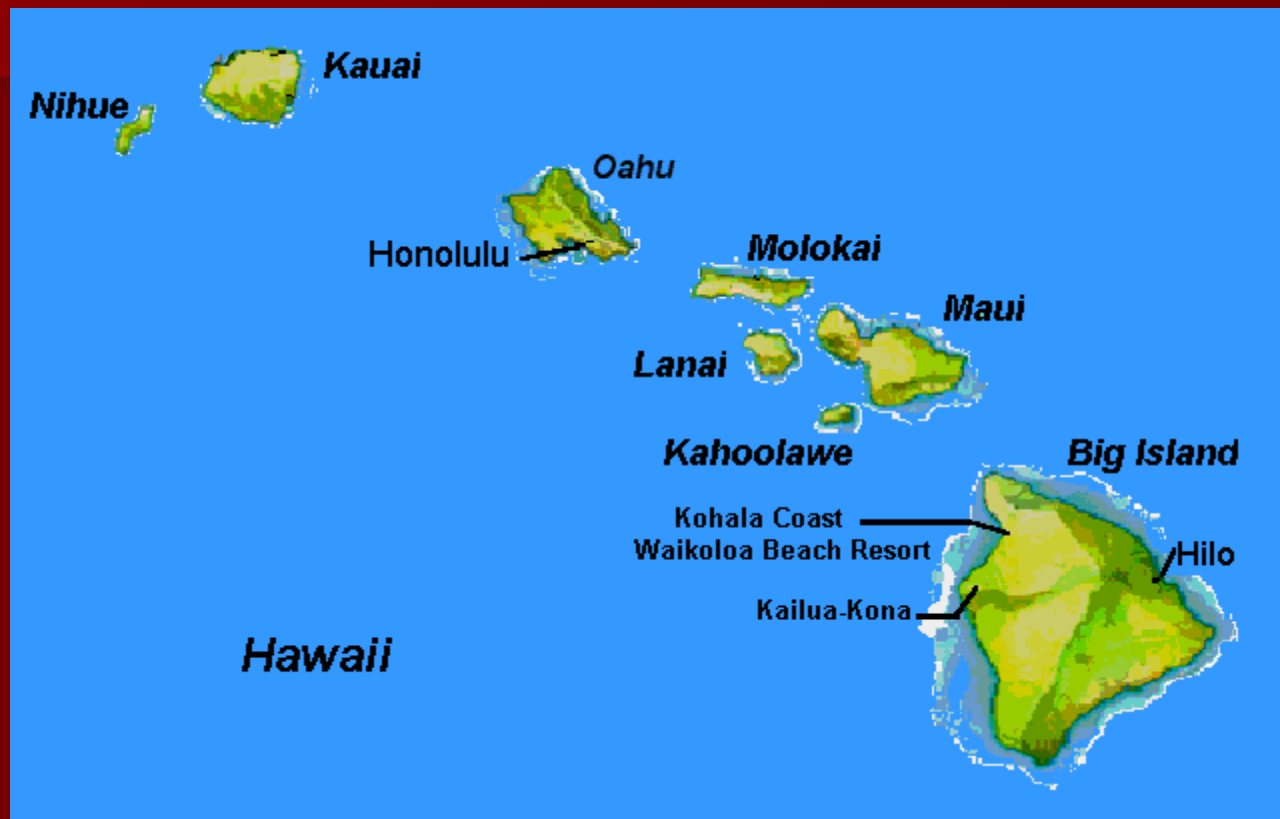




## ■ Hot Spots







**Niihau**

**Kauai**

**Oahu**

**Honolulu**

**Molokai**

**Maui**

**Lanai**

**Kahoolawe**

**Big Island**

**Kohala Coast**

**Waikoloa Beach Resort**

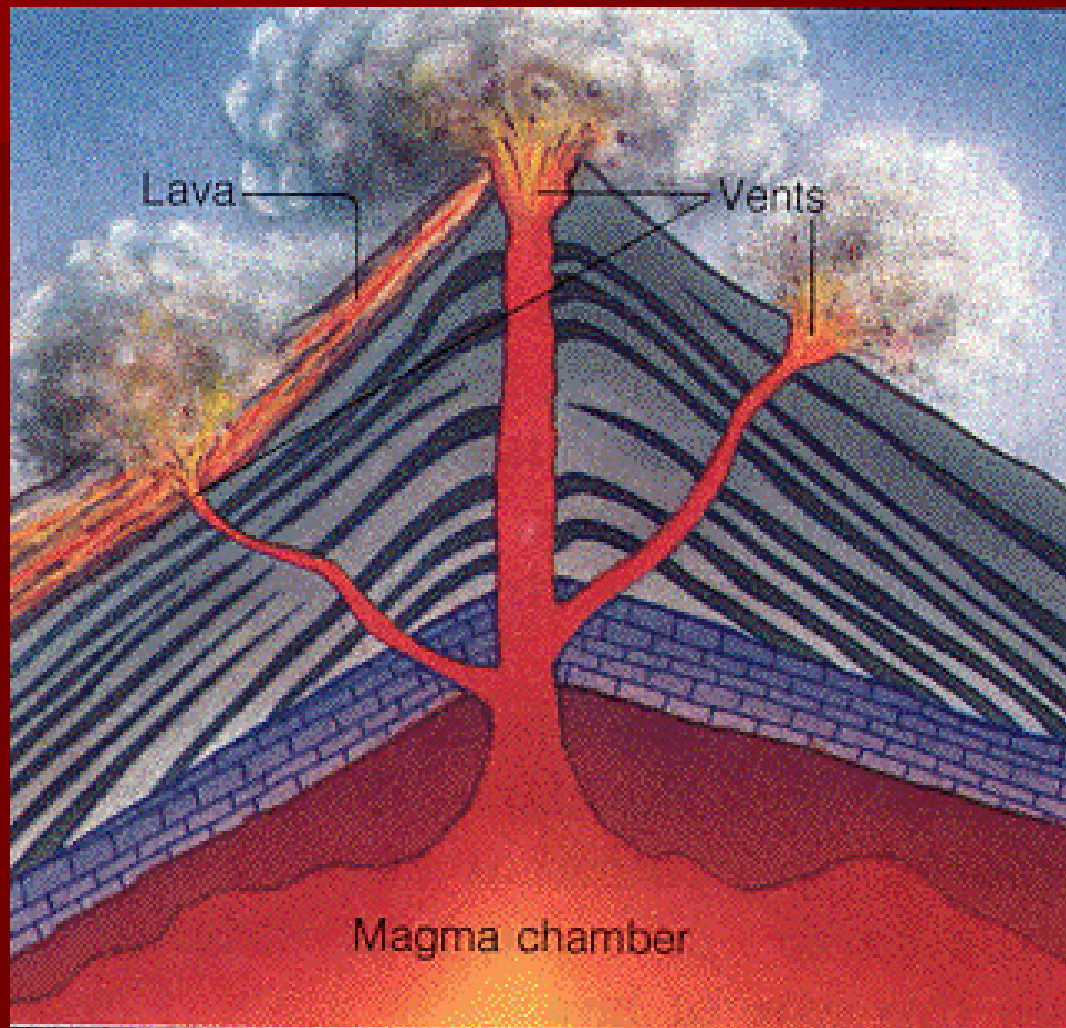
**Hilo**

**Kailua-Kona**

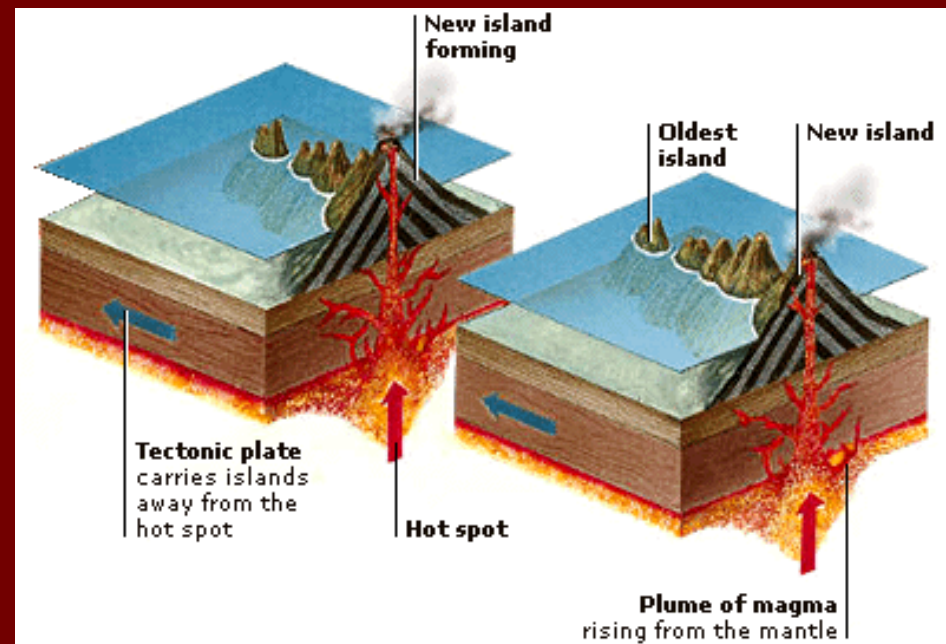
**Hawaii**

## II. Where magma comes from

- Magma - hot liquid rock under the surface of the earth.
- Lava – Hot liquid rock on the surface of the earth



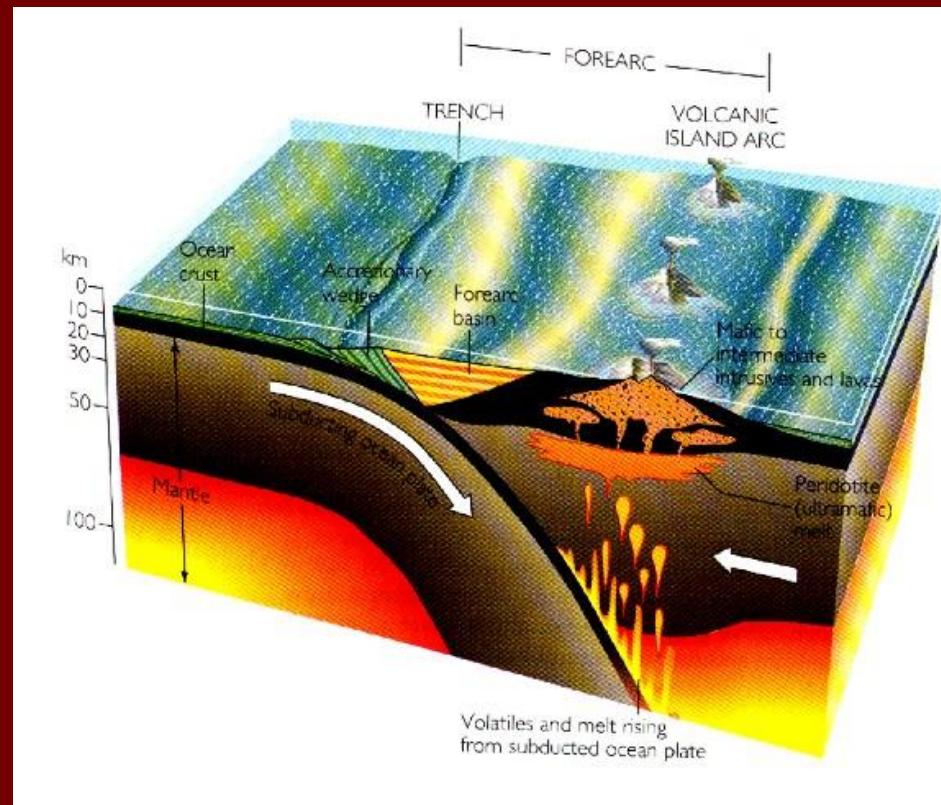
- 1. Magma rises from the mantle (Hot spots and divergent boundaries. Thin and runny lava)







- 2. Crust rock is melted. (Convergent boundaries. Thick and sticky lava)



# Summary

- Volcanoes form at \_\_\_\_, \_\_\_\_ and \_\_\_\_
- Magma either comes from ... or from ...

3 Margin Questions