

Name: _____

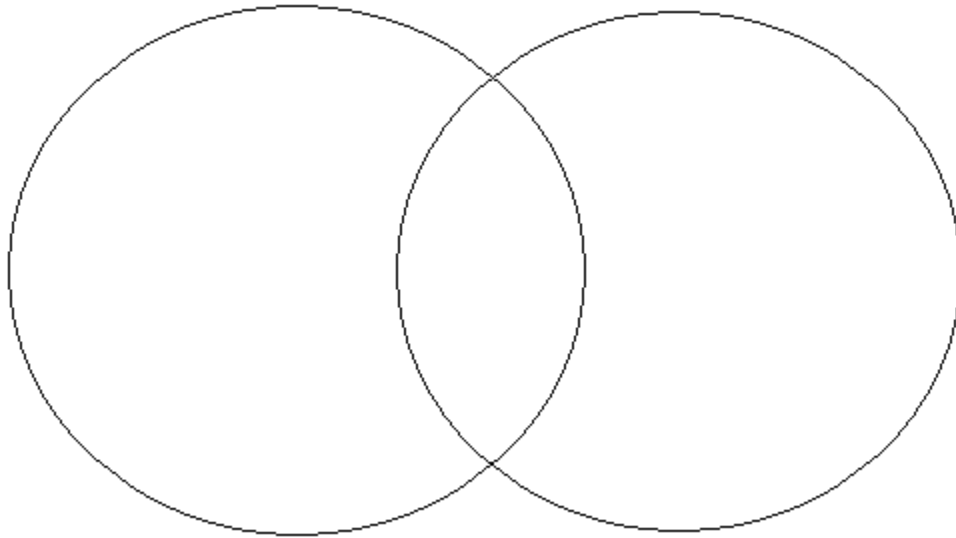
Date: _____

Period: _____

Subduction

Direction: Use the following maps to make observations about the geography of subduction zone areas. Answer the following questions for the stated map. Answer all questions in complete sentences. Please do not write on, mark up, or destroy the maps in any other manner.

Similarities and Difference of Oceanic and Continental Crust: Compare and contrast the two types of Earth's crust using your notes.



Geography Lingo: *Define the following words in your words. You may use a reference.*

Mountain Range:

Trench:

Volcano:

Earthquake:

Map of Japan:

Look at the volcano map. Describe the geography of the land and ocean around and on the islands making up Japan

Do the volcanoes follow a particular trend or pattern on land and ocean? If so, describe the pattern; if not, explain how the volcanoes occur randomly.

Look at the earthquake map. Describe where most of the earthquakes occur, on land, right off the coast, or away from the ocean trench.

The larger dots represent larger magnitude earthquakes. Where do most of the larger earthquakes occur around Japan? Why might this be happening?

Map of Chile:

Look at the volcano map. Describe the geography of the land and ocean around Chile.

Do the volcanoes follow a particular trend or pattern on land? If so, describe the pattern; if not, explain how the volcanoes occur randomly.

Look at the earthquake map. Describe where most of the earthquakes occur, on land, right off the coast, or away from the ocean trench.

The larger dots represent larger magnitude earthquakes. Where do most of the larger earthquakes occur around Chile? Why might this be happening?

Map of Alaska:

Look at the volcano map. Describe the geography of the land and ocean of Alaska in the southern coastal part of the state.

Do the volcanoes follow a particular trend or pattern on land? If so, describe the pattern; if not, explain how the volcanoes occur randomly.

Look at the earthquake map. Describe where most of the earthquakes occur, on land, right off the coast, or away from the ocean trench.

The larger dots represent larger magnitude earthquakes. Where do most of the larger earthquakes occur around Alaska? Why might this be happening?