

Name _____

Date _____

Reading a Tectonic Plates Map

Geological Features: Subduction zones; Deep Sea Trenches; Mid-Ocean Ridges; Volcanic Islands; Volcanic Mountains; Rift Valleys; Earthquakes; New Oceans.

Use the Tectonic Plates map to answer the following questions: Include the type of crust involved, not just if it is convergent or divergent.

Types of Boundaries

1. What type of boundary occurs along the Aleutian Trench?

2. What type of boundary occurs along the East Pacific Ridge?

3. What type of boundary occurs along the San Andreas Fault?

4. What type of boundary occurs on the Eurasian Plate (east of the Mediterranean Sea)

5. What type of boundary occurs along the Peru-Chile Trench?

6. What type of boundary occurs along the East African Rift (Pay attention to the feature found there, not the map marking)?

7. What type of boundary runs through Iceland?

Geological Features

1. Which geological feature(s) would you expect to find or to occur near the San Andreas Fault?

2. Which geological feature(s) would you expect to find on the western side of South America?

3. What geological feature(s) would you expect to find on the Eurasian Plate, east of the Mediterranean?

4. What geological feature(s) would you expect to find along the Southeast Indian Ridge?

5. What geological feature(s) would you expect to find where the Philippine Plate interacts with the Pacific Plate?

6. New Zealand is made up of two islands, located to the southeast of Australia. Judging by the map, what do you think is fairly common in New Zealand?

7. The islands in the Caribbean are known for frequent hurricanes, but judging by the map, what other natural disaster do you think also commonly occurs there?

8. Where on this map do you think the next sea or ocean will form?
