

Earth Science Questions part 4 (pp. 115-121)

1. What are Earthquakes?
2. What is a fault?
3. Because of the _____ beneath tectonic plates, forces build up along faults.
4. Where do most earthquakes occur?
5. The size of an earthquake is determined by how much energy is released during the earthquake. This is called _____ and can range from less than _____ to at least _____.
6. A plate boundary is made up of more than one _____.
7. Faults are largest where one plate _____ into the mantle.
8. What is magma?
9. What is lava?
10. What are volcanoes?

11. During the past 10,000 years, more than _____ different volcanoes have erupted.

12. Most volcanoes form at _____ plate boundaries.

13. What are two ways that volcanoes erupt?

14. Lava erupts at both _____ and _____.

15. What are mid-ocean ridges?

16. Three-quarters of all lava erupts at _____.

17. Mountains form when Earth's crust _____ and _____.

18. How did the Himalayas form?

19. How is it that the Appalachian Mountains and Caledonian Mountains in Scotland and Scandinavia used to be connected?