

Name _____

Date _____

Period _____

Born of Fire – National Geographic

1. The earth is the _____ planet from the sun.
2. One of the most active volcanoes on earth is _____.
3. Most of the earth's volume is in the _____.
4. The next island in the Hawaiian chain won't break the surface for about _____ years.
5. Where do most earthquakes and volcanoes occur on the earth?

6. The earth's surface is broken up into about _____ plates.
7. Molten rock inside the earth is called _____.
8. Where do the plates of the earth move apart? _____
9. Water reaching temperatures in excess of _____ degrees Celsius is found around black smokers.
10. The mid ocean ridge comes to the surface on the island of _____.
11. In 40 years, the ridge will spread apart about _____ feet in Iceland.
12. One of the most geologically active places on earth is _____.
13. The word "geyser" is _____ in origin.
14. The San Andreas Fault runs through _____ (in the United States).
15. Our solar system started forming about _____ billion years ago.
16. If the earth were the size of a basketball, the crust would be as thin as _____.
17. The force driving the plates is _____ in the mantle.
18. Where does the heat come from in the depths of the earth?

19. Virtually everything on planet earth has been shaped by _____.
20. The highest mountain on earth is _____.
21. 50 million years ago, India slammed into the _____ plate.
22. Mt. Everest is rising about _____ inches per year.

23. Around the Pacific Ocean is an area called the _____.
24. What kind of fossils do we find on Mt. Everest?
25. What are the deepest parts of the oceans called?
26. Hawaii was caused by a geologic process called a _____.
27. In what direction is Hawaii being carried by the Pacific Plate?
28. Aa is a type of _____.
29. How many people have been killed by Hawaiian volcanoes in the last century (100 years)?
30. A stratovolcano is also called a _____ volcano.
31. A pyroclastic flow is _____.
32. What is a tsunami?
33. What can cause a tsunami other than undersea earthquakes?
34. The first national park was _____.