

Name: \_\_\_\_\_ NUMBER: \_\_\_\_\_ Core 1 or 2 (circle one)

**RING OF FIRE VIDEO QUESTIONS:** Answer at least 25 of the 30 questions below.

1. Where is the "Ring of Fire"?
2. How many active volcanoes are there in the "Ring of Fire"?
3. Tectonic plate collisions cause \_\_\_\_\_, the most violent natural phenomenon on Earth.
4. What day in 1988 did the Navidad volcano in Southern Chile erupt?
5. About how many feet did Navidad grow in the month after the 1988 eruption?
6. What U.S. city is situated just above the San Andreas Fault? \_\_\_\_\_
7. What two baseball teams were playing the third game of the World Series in October of 1989 when a severe earthquake hit?
8. How long did this earthquake last? \_\_\_\_\_
9. Compared to the devastating earthquake of 1906, which destroyed the city of San Francisco, the quake of 1989 released only \_\_\_\_\_ (a fraction) of the energy experienced 83 years earlier.
10. Why was the Marina District especially vulnerable to the earthquake?
11. How many days were the games delayed due to this earthquake? \_\_\_\_\_
12. What is the name of the baseball stadium where the World Series was being played in 1989?
13. Gary Rosenquist took pictures of what volcano? \_\_\_\_\_
14. What did Rosenquist's pictures show happening?
15. When fire drummers perform, what are they reenacting?
16. What is Earth's core made of?
17. Every year when the volcano Sakurajima explodes what covers the island? \_\_\_\_\_
18. What do the people on the island of Sakurajima do every year to commemorate the violent eruption of 1914?

19. Due to the quake of 1923 in Tokyo, more than 140,000 people died. Most of the deaths occurred from \_\_\_\_\_ started by the quake.
20. In Japan, why do the buildings need to be specially engineered?
  
21. What other primates (other than humans) have adapted to life on the "Ring of Fire"?
  
22. How have the Japanese harnessed geothermal energy for health and relaxation?
  
23. What country is the most fertile and eruptive nation in the world? \_\_\_\_\_
24. In Indonesia, the "Temple of Boreau Bahdur" has survived \_\_\_\_\_ centuries of earthquakes.
25. The volcano "Kawa Ichen" supplies locals with what element?
  
26. What islands are almost in the center of the "Ring of Fire"?
  
27. If we measured this mountain's height from the seafloor, it would be considered the tallest mountain on Earth.
  
28. In what year did Mauna Loa and Kileuea (both Hawaiian volcanoes) erupt simultaneously?
  
29. How long did these simultaneous eruptions occur? \_\_\_\_\_
30. Who is Pele?