

Name: \_\_\_\_\_

## Ring of Fire

1. Where is the Ring of Fire?
2. What happens at the Ring of Fire?
3. The surface layers of rock floating on lava in Hawaii are used as an analogy to what feature on the Earth?
4. When did Navidad Volcano first form?
5. The San Andreas Fault is underneath what US city?
6. When there have been TWO major earthquakes at this fault
  - a. When were they?
  - b. Which was STRONGER and by how much?
7. Why was the Marina District especially vulnerable to the earthquake?
8. When was Mount Saint Helens last major eruptions?
9. How many square miles of woodlands were destroyed when St. Helens erupted?
10. The Pacific Plate sinking:
  - a. what does this sinking cause at depth?
  - b. What does it cause at the surface?
11. What keeps the people who live on the banks of Mt. Sekurojimo safe?
12. In the Tokyo earthquake of 1914, what killed the most people?
13. The Japanese Snow Monkey takes advantage of what geologic feature?
14. In Indonesia, what do people mine from the volcano?
  - a. Do you want that job? Why?
15. In Bali, what killed thousands of people in 1963?
16. In 1984, what rare event occurred in Hawaii?
17. Hawaii has shield volcanoes – what causes shield volcanoes?
18. What happened to the village of Palapana?
19. Would you ever live on the Ring of Fire? Why or Why not?