

Japan's Killer Quake

Name _____ Date _____ Block _____

1. How far has the coast line sunk due to this earthquake?
2. Describe the warning system that the Japanese people had in place.
3. Which earthquake wave traveled the fastest?
4. Which type of earthquake wave causes the most damage?
5. How far off the coast of Japan was the earthquake located?
6. Which plate is Japan located on?
7. Which plate is converging with Japan's plate?
8. How many years has the energy been building up at this boundary?
9. How long did the quake take? Is this typical?
10. What is liquefaction?
11. Which direction did the ocean floor move that created the tsunami?
12. How fast does a tsunami travel?
13. Why were the walls in Miyako insufficient?
14. How far did the ground sink at the nuclear power plant?
15. After the tsunami swept everything inland, where did the water go?
16. How did the people in California die?
17. How many aftershocks occur during the week after the main event?
How big are some of the aftershocks?
18. What are things that can be done to prevent damage in future quakes?
19. Where is the Cascadia fault?