

Name _____ Period: _____ Date: _____

Ms. Randall Marine Science

PBS: The Wave That Shook the World

1. What is a tsunami?
2. When did this tsunami happen?
3. How many people died, in how many countries?
4. What is the name of the warning center in Hawaii?
5. An area where one plate is pushing under another is called?
6. What magnitude was this earthquake?
7. How many warning sensors/buoys are there in the Pacific? In the Indian Ocean?
8. This quake was shallow. How many km down?
9. How fast does the tsunami wave travel?

10. What does a boat in the open ocean feel during a tsunami wave?

11. What warning sign often occurs at the beach during a tsunami?

12. Is there usually only one wave in a tsunami? Is there a pattern to the waves?

13. Where is greater damage likely, on a gently sloping beach or a steeply sloping beach?

14. True or false, you are safe as the tsunami wave is passing out?

15. How did the quake affect the earth's day?

16. What area of the United States is at risk for the same type of earthquake?

17. What are the four causes of a tsunami?

18. How many more buoys did the United States add to the Pacific Warning system?