

How the Earth Was Made: Tsunami

<https://www.youtube.com/watch?v=YA0ILjJ5zg>

1. Where is the tsunami hotspot? _____
2. What does tsunami mean? _____
3. What was the size of the earthquake in Chile? _____
4. Where do most tsunamis occur? _____
5. What was the size of the December 26, 2004 EQ? _____
6. How many people died as a result of the December 26, 2004 EQ? _____
7. What fault zone could cause an EQ/tsunami on the West coast of the U.S.?

8. How many major plates are there on earth? _____
9. How high did the crust move up that caused the December 26, 2004 EQ?

10. What happens to the speed of a tsunami wave when it gets close to shore?

11. What happens to the height of a tsunami wave when it gets close to shore?

12. Besides EQ's, what might cause a tsunami to occur? _____
13. What Islands could cause a tsunami that could reach the U.S.? _____
14. What would the size of the wave be? _____

What Causes The World's Deadliest Tsunamis?

<https://www.youtube.com/watch?v=wN2xqdqkAc>

3:54 - 10 minutes

15. What was the size of the Aleutian Island earthquake in 1946? _____

16. How fast was the tsunami? _____

17. How many kids died? _____

25:00 - 32:00 minutes

18. How much of the Earth's crust ruptures? _____

19. How many countries were hit by the tsunami? _____

20. How high was the wave that struck Sumatra? _____

35:40 - 43:00 minutes

21. What size was the Lituya Bay earthquake? _____

22. What was the runup height of the wave? _____