

Name _____

Modern Marvels: Manhattan Project

Questions must be answered from information presented in this video. Questions are in order.

1. What was at Los Alamos New Mexico?
2. Who were some of the famous Jewish scientists to flee Germany to the United States?
3. Why did Szilard go to Einstein for help with his letter?
4. After 1933 which country had the most Nobel Laureate Scientists?
5. What did Fermi and Szilard build underneath the squash courts at the University of Chicago?
6. What is the difference between Uranium-235 and Uranium-238?
7. Describe a technique for separating U-235 from U-238?
8. What did Robert Oppenheimer do?
9. What was the Calutron used for?
10. What was the main obstacle for "the gadget", the test bomb?

11. What is plutonium?
12. Why did the US Army borrow almost 15,000 tons of silver?
13. What was "Little Boy"?
14. Who was Paul Tibbets?
15. What was the Trinity test?
16. Why was Little Boy untested?
17. What happened to the USS Indianapolis after it delivered the uranium bomb?
18. What did the petition signed by the scientist want?
19. How many died from Hiroshima?
20. Why did Oppenheimer get his security clearance revoked?
21. Why did the graph of the human death due to war stop rising exponentially in 1945 and stay at about 1 million a year?