

## Answer Key

Each question is worth 5 points each.

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1. When was the first atomic bomb detonated?  
***July 16, 1945 @ 5:30***
2. How much was spent on the project in today's market?  
***30 billion dollars***
3. President Roosevelt approves production of the atomic bomb and gives the project to the military after what major event?  
***Pearl Harbor***
4. What were the two challenges of the atomic bomb
  - a. ***Separating uranium's U235 isotope***
  - b. ***Finding how much isotope would be needed***
5. How many people would ultimately live at the Oakridge government site?  
***75,000***
6. After Roosevelt's death, why did Truman have to be briefed on the project?  
***Because of the extreme secrecy, he did not know about it***
7. On the first successful bomb test, what was the range of the ball of fire?  
***40,000 feet***
8. When was "Little Boy" dropped over Hiroshima?  
***August 6, 1945 @ 8:15 a.m.***
9. What percent of the city was leveled by the 500 mph winds from the bomb?  
***90%***
10. From how far away were victims skin charred?  
***Over 2 miles***
11. What was the total Japanese death toll from the blast and radiation sickness?  
***130,000***