

Name: _____
Date: _____

PHYSICS
Mr. Guido

VIDEO – Nova: Einstein Revealed

1. What question first occurred to Einstein at age 16?
2. When and where was Albert Einstein born?
3. What did Einstein do when he was 10?
4. What did experiments show about the speed of light through the ether?
5. What did Einstein say about the speed of light?
6. What did Einstein say about time?
7. What did Einstein show by his train experiment?
8. What was he say was “the happiest thought of my life?”
9. What did Einstein show by his elevator experiment?
10. What is the equivalence principle?

11. What effect does acceleration and gravity both have on light?
12. What is the fourth-dimension?
13. What was Einstein's concept of gravity?
14. What planet's orbit served as evidence of Einstein's theory of gravity?
15. When did Einstein first publish his General Theory of Relativity?
16. What did the results of the eclipse experiment prove?
17. Why did Einstein have to flee Germany?
18. Where did Einstein spend most of the rest of his life?
19. What theory did Einstein spend most of the rest of his life working on?
20. Was he successful in coming up with this theory?