

Name _____

Einstein: The Genius Behind the Theory of Relativity

Open-Ended Response Questions

1. Albert Einstein's childhood curiosity is highlighted in the biography. How do you think his insatiable curiosity contributed to his later achievements as a scientist and thinker? Can you provide examples of how curiosity can drive scientific exploration?
2. Despite facing challenges in school, Albert Einstein pursued his passion for physics and mathematics. How did his independent pursuit of knowledge set him on a unique intellectual path, and why might traditional education have been insufficient for him?
3. The Swiss Patent Office played a crucial role in Einstein's early career. What conditions at the patent office allowed him to conduct thought experiments and contemplate the mysteries of the universe? How did this period of his life contribute to his scientific breakthroughs?
4. The biography mentions that Einstein's general theory of relativity faced skepticism initially but was eventually confirmed through experiments and observations. Can you explain the main ideas behind the general theory of relativity, and why do you think it took time for the scientific community to accept it?

