Name _____

Albert Einstein: Unraveling the Mysteries of the Universe

Multiple Choice Questions

1. When was Albert Einstein born?

a. 1679

b. 1779

c. 1879

d. 1979

2. Which equation introduced by Einstein in his theory of special relativity demonstrates the equivalence of energy and mass?

a. $E=mc^2$

b. $F=ma$

c. $V=IR$

d. $E=mv^2$

3. What does Einstein's theory of special relativity state about the laws of physics?

a. They change depending on the observer's motion.

b. They are different for different observers.

c. They remain the same for all observers, regardless of their motion.

d. They only apply to objects at rest.

4. In which year did Einstein publish his theory of general relativity?

a. 1905

b. 1915

c. 1925

d. 1935

5. How was Einstein's theory of general relativity confirmed in 1919?

a. Through laboratory experiments

b. Through observations of starlight during a solar eclipse

c. Through a series of controlled explosions

d. Through mathematical simulations