

Name _____

Unlocking the Universe: The Pi Particle Accelerator Experiment

Multiple Choice Questions

1. What was the goal of the scientists' experiment at the research facility?
 - a) To build a time machine
 - b) To unlock the secrets of the universe
 - c) To create a new type of energy source
 - d) To discover a new planet

2. How did Pi play a role in the experiment?
 - a) It determined the color of the particles.
 - b) It calculated the circumference of the accelerator ring.
 - c) It controlled the temperature of the laboratory.
 - d) It measured the time of particle collisions.

3. What did the scientists hope to observe in the experiment?
 - a) The behavior of dolphins
 - b) The fundamental building blocks of the universe
 - c) The history of ancient civilizations
 - d) The growth of plants in space

4. What did the particle accelerator's circumference calculation determine?
 - a) The number of scientists required for the experiment
 - b) The type of particles used in the experiment
 - c) The speed at which particles would travel
 - d) The amount of electricity needed for the experiment

5. What were some of the discoveries made by the scientists during the experiment?
 - a) The recipe for a new type of pizza
 - b) The nature of dark matter and fundamental forces
 - c) The existence of a parallel universe
 - d) The origin of sea creatures

