

Name \_\_\_\_\_

## What Is The Milky Way, And Why Is It Important?

### Multiple Choice Questions

1. What is the Milky Way?
  - a) A candy bar
  - b) A giant cosmic wheel of stars, planets, gas, dust, and dark matter
  - c) A type of comet
  - d) A cluster of asteroids
  
2. How does the size of the Milky Way compare to the speed of light?
  - a) The Milky Way is smaller than the speed of light.
  - b) The Milky Way is larger than the speed of light.
  - c) It would take light over 100,000 years to cross the Milky Way.
  - d) The Milky Way is too small to measure.
  
3. Where does our solar system, including the Earth and the Sun, exist within the Milky Way?
  - a) In the center of the galaxy
  - b) In one of the Milky Way's spiral arms
  - c) At the edge of the galaxy
  - d) In a different galaxy altogether
  
4. Why is the Milky Way important to scientists?
  - a) Because it's a delicious candy bar
  - b) Because it serves as a point of reference for navigation
  - c) Because it's where Earth and our solar system are located
  - d) Because it's a giant cosmic laboratory for studying the universe
  
5. What role does the Milky Way play in inspiring humans?
  - a) It makes people hungry for chocolate.
  - b) It reminds us of our cosmic connection and sparks our curiosity.
  - c) It helps astronomers find their way home.
  - d) It serves as a cosmic playground for space explorers.

