

Name _____

How Many Galaxies Are There In The Universe?

Multiple Choice Questions

1. What is a galaxy?
 - a) A type of asteroid
 - b) A cosmic city of stars, gas, dust, and dark matter
 - c) A planet with many moons
 - d) A cluster of comets

2. What was the previous estimate of the number of galaxies in the observable universe?
 - a) 100 million
 - b) 1 billion
 - c) 100 billion
 - d) 1 trillion

3. What technological advancements have helped scientists discover more galaxies in recent years?
 - a) The invention of rocket ships
 - b) The development of powerful telescopes
 - c) The discovery of a new planet
 - d) The creation of artificial stars

4. Why do galaxies come in various shapes and sizes?
 - a) Because they are made of different types of materials
 - b) Because they were formed at different times in the universe
 - c) Because they are all part of the same family
 - d) Because they are shaped by the planets within them

5. What are galaxy clusters, and how are they related to galaxies?
 - a) Galaxy clusters are groups of stars within a galaxy.
 - b) Galaxy clusters are the largest galaxies in the universe.
 - c) Galaxy clusters are groups of galaxies bound together by gravity.
 - d) Galaxy clusters are clouds of gas and dust in space.

