

I. Universe and Galaxies

Name _____

A. Origin of the Universe

1. **Universe** is the _____.
2. There are _____ about the origin of the universe.
3. The _____ theory is the _____ that is the best current model for the _____.

B. Universe Evolution

1. The universe has _____, and is still changing.
2. Since the Big Bang the _____.
3. The universe is _____ and very old approximately _____.

C. Is the Universe still expanding? _____!

1. Scientists can look at evidence that shows that _____ are still moving _____.
2. The _____ that they put off.
3. _____ wavelengths are _____ than _____ wavelengths.
4. When celestial bodies are _____ they go through the _____.*
5. When celestial bodies are _____ they shift to the _____ end of the spectrum.

D. Galaxies

1. Galaxies are _____.
2. We live in the _____.
3. There are three types of galaxies a. _____ b. _____ c. _____

a. Spiral Galaxy

1. A spiral galaxy has _____.
2. These arms are made of _____.
3. The _____ is a spiral galaxy.
4. The _____ of the Milky Way galaxy.

b. Elliptical Galaxy

1. An Elliptical Galaxy is shaped like a _____.
2. An ellipse is like _____.
3. They can be _____.

c. Irregular Galaxy

1. An irregular galaxy _____ . They are usually _____ than the other two types.
2. The _____ is an irregular galaxy.

How do we see these pretty images? Hubble Space Telescope

1. The Hubble Space Telescope is a _____.
2. The Hubble is located in _____ caused by Earth's _____ making clearer images.
3. The Hubble Space Telescope has _____.