**Introduction to Our Universe**

Name: Class: Date:

**Introduction**

1. What is the name of our galaxy?
2. About how many stars are in our galaxy?
3. About how many galaxies are in our universe?

**How Big?**

1. What is the total distance across our galaxy?
2. What is the thickness of our galaxy?

**Search Bubble**

1. NASA is searching for life within what range from our Sun?
2. How many stars are in this search bubble?

**Spiral Arms**

1. What shape is our galaxy? Spiral, elliptical or irregular?
2. How many major arms are on our galaxy?
3. What are the names of the four major arms?

**Central Bulge**

1. What is the central bulge?
2. What is at the center of our galaxy?
3. How big is it?

**Halo**

1. What comprises the halo?

**The Local Group**

1. Our galaxy is a member of collection of how many galaxies, called the Local Group?
2. Which are two largest galaxies in the group?

**Galaxy Types**

1. What are the four types of galaxies?

**Our Solar System**

1. Near which galaxy spiral arm is our solar system located?
2. How far is our solar system from the center of the galaxy?