



#37 - The Milky Way

1. Our "hometown" is a vast, disk-shaped collection of stars called _____
2. How far is it across the Milky Way Galaxy? _____
3. How many stars are in the Milky Way Galaxy? _____
4. Where are we, Earthlings, located in the Milky Way Galaxy? _____
5. How many major spiral arms are in the Milky Way Galaxy? _____
6. The cylindrical bar at the center of our galaxy is composed mostly of _____
7. Ancient Greeks called the glowing pathway in the sky "galaxius", which means _____
8. Which astronomer discovered that the Milky Way was actually made up of stars? _____
9. Early maps of the galaxy, which placed the Sun near the center, didn't account for _____
10. What "balls of stars" helped determine that the Sun wasn't at the center of the galaxy? _____
11. The spiral arms of our galaxy can best be thought of as _____
12. How long does our Sun take to orbit the galaxy? _____
13. Our Sun is located just outside one of the smaller arms called _____
14. How long is the cylindrical bar of red stars at the center of our galaxy? _____
15. What object sits at the very center of our galaxy? _____
16. The vast spherical cloud of old stars surrounding the Milky Way is called _____