



### #38 - Galaxies, part 1

1. Before 1920, "faint fuzzies" displaying a variety of shapes in the sky were simply called \_\_\_\_\_
2. Which astronomer argued, in 1920, that "the Milky Way was all there is"? \_\_\_\_\_
3. Which astronomers "unlocked the mystery" of spiral nebulae? \_\_\_\_\_
4. In the 1920's, what type of pulsating stars were observed in the spiral nebula M31? \_\_\_\_\_
5. For Cepheid variables, the time it takes them to pulse is directly related to their \_\_\_\_\_
6. In the 1920's it was determined that the "Great Andromeda Nebula" was actually \_\_\_\_\_
7. We still classify galaxies according to Hubble's original system, based on \_\_\_\_\_
8. What type of galaxy is the Milky Way? \_\_\_\_\_
9. The patchy arms, that resemble tufts of cotton, in some spiral galaxies are called \_\_\_\_\_
10. Star forming nebulae in spiral arms are colored pink by the characteristic glow of \_\_\_\_\_
11. What type of galaxy is puffy, with no overall structure and populated with older stars? \_\_\_\_\_
12. Current thinking is that elliptical galaxies are the products of \_\_\_\_\_
13. Most large galaxies, including the Milky Way, likely grew to their current bulk by \_\_\_\_\_
14. What type of galaxy has a shape that's weird and distorted? \_\_\_\_\_
15. What type of galaxy tends to be small and are truly shapeless? \_\_\_\_\_
16. What is the biggest and most active star forming gas cloud in any nearby galaxy? \_\_\_\_\_