**CRASH COURSE ASTRONOMY #37 QUESTIONS NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. We live in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ galaxy.
2. The Milky Way measures \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ years across.
3. We are located \_\_\_\_\_\_\_\_\_\_\_\_ out from the center.
4. If we look toward the constellation \_\_\_\_\_\_\_\_\_\_\_\_\_\_, we are looking toward the center of the galaxy.
5. The Greeks called the glowing of the sky near Sagittarius, \_\_\_\_\_\_\_\_\_\_\_ which means \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. What is the glow that we see in the sky?
7. What process did the early scientist use to count stars in the sky?
8. Why is the plotting points method of counting stars flawed?
9. What are globular clusters?
10. How far is our Sun from the center of the galaxy?
11. How do we describe the shape of the Milky Way Galaxy’s shape?
12. What advance in science allowed scientist to determine the features of the Milky Way Galaxy?
13. Describe the spiral arms:
    1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
14. What analogy describes spiral arms of our galaxy?
15. How long does it take our Sun to orbit the galaxy?
16. What happens within the spiral arms of our galaxy?
17. How many arms does our galaxy have?
18. In what arm of the Milky Way galaxy can we be found?
19. What is the bulge?
20. How long is the center bar of or galaxy?
21. What is in the center of our galaxy?
22. What is the “halo”?
23. How many globular clusters have we identified and where are they located?
24. Draw a sketch of our galaxy.