

Test #2 Review:
The Universe, Galaxies,

1. How long ago did the Big Bang occur?
2. What did our universe begin as?
3. How many miles are in one light year?
4. What type of galaxy is the Milky Way?
5. What are the types of galaxies according to Hubble?
6. As we progress in the Hubble classification sequence of spiral galaxies from types Sa to Sb to Sc, how do their physical characteristics change?
7. What type of elliptical galaxy is the flattest?
8. Describe galaxy collisions.
9. What would an intermediately wound barred spiral galaxy be classified as?
10. Define Hubble's Law.
11. If we are looking at a galaxy that is one million light years away, how does it appear to us?
12. Describe the following parts of galaxies:
 - core
 - disk
 - halo
 - bulge
13. Describe the following terms related to black holes:
 - event horizon
 - singularity
 - jets of gas
 - accretion disk
 - stellar black hole
 - miniature black hole
14. Explain the statement, "All ellipticals are galaxies but not all galaxies are elliptical."
15. What is the galactic tuning fork?
16. What are the possible fates of the Milky Way?
17. How is it possible for us to detect black holes?