irected Readi	Skills Worksheet
ing A	Class
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Directed Reading A continued

CONTENTS OF GALAXIES

_12. Which one of the following statements is NOT true of nebulas?

a. Nebulas are often found in spiral galaxies.b. Nebulas are often found in elliptical galaxies.

c. Some types of nebulas glow.
 d. Some types of nebulas absorb light and hide stars.

Section: Galaxies

A collection of stars, dust, and gas bound together by gravity is called a(n)
TYPES OF GALAXIES
 Which of the following is one of Edwin Hubble's contributions to science? a. He invented the telescope. b. He developed a way to classify galaxies. c. He founded the field of astronomy. d. He built the Hubble Space Telescope.
 3. Most galaxies are classified by their a. shape. b. size. d. color.
 4. Where are newly formed stars found in a spiral galaxy? a. spiral arms b. spiral halo d. outer rings
Each of the following statements is true of a spiral galaxy, an elliptical galaxy, or an irregular galaxy, Write 5 for a spiral galaxy, E for an elliptical galaxy, and I for an irregular galaxy in the space provided.
5. These galaxies contain mostly old stars.
6. The Milky Way is probably this type of galaxy.
 Many of these galaxies may have their shape distorted by neighboring galaxies.
8. Most galaxies are this type of galaxy.

17. What is a nebula?

16. A group of stars that are closer together than the surrounding stars is called

15. A tight group of stars that looks like a ball is called

B(n) -

14. Large clouds of gas and dust are called _

13. All of the following are true of star clusters EXCEPTa. A globular cluster may have as many as 1 million stars.b. An open cluster may have only a few hundred stars.

c. An open cluster may have as many as a few thousand stars.
 d. An open cluster usually has more stars than a globular cluster.

18. What is a globular cluster?

19. What is an open cluster?

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Stars, Galaxies, and the Universe

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Stars, Galaxies, and the Universe

_10. These galaxies are close companions of another galaxy.
_11. These galaxies have a bulge in the center and spiral arms.

These galaxies are massive blobs of stars.