

Skills Worksheet

Section Review

Stars

USING KEY TERMS

1. Use the following terms in the same sentence: *apparent magnitude* and *absolute magnitude*.

2. Use each of the following terms in a separate sentence: *spectrum*, *light-year*, and *parallax*.

UNDERSTANDING KEY IDEAS

- _____ 3. When you look at white light through a glass prism, you see a rainbow of colors called a
- a. spectrograph.
 - b. spectrum.
 - c. parallax.
 - d. light-year.

- _____ 4. Class F stars are
- a. blue.
 - b. yellow.
 - c. yellow-white.
 - d. red.

5. Describe how scientists classify stars.

6. Identify and explain the technique used to determine the composition of a star..

Section Review *continued*

CRITICAL THINKING

7. **Drawing Conclusions** If a certain star displayed a large parallax, what could you conclude about the star's distance from Earth?

8. **Making Comparisons** Explain how color is related to the temperature of a star.

9. **Making Comparisons** Compare apparent motion with actual motion.

INTERPRETING GRAPHICS

10. Look at the two figures below. How many hours passed between the first image and the second image? Explain your answer.


