Skills Worksheet

Section Review

Stars

USING KEY TERMS

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

2. 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.

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

4. Describe how scientists classify stars.

5. Explain how color indicates the temperature of a star.

6. Compare a continuous spectrum with an absorption spectrum. Then, explain how an absorption spectrum can identify a star’s composition.
Use the following terms to complete the concept map below:
spectra, absolute magnitude, brightness, color, temperature, spectrograph, stars, emission lines

have

called

composition

apparent magnitude

indicated by the

which is used to calculate

indicated by the

in the

measured by a

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