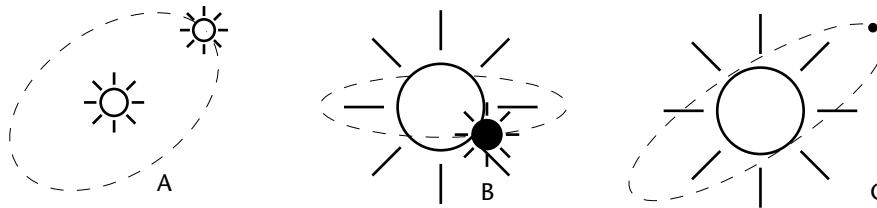


**Stars, Galaxies, and the Universe** ▪ *Review and Reinforce*

# Star Systems and Galaxies

## Understanding Main Ideas

The figure below shows three star systems as they might be seen from Earth. Ellipses indicate orbits. Answer the questions in the spaces provided.



1. Which star system is an eclipsing binary? \_\_\_\_\_
2. The dim, tiny, but high-mass star in C is not visible from Earth. How could astronomers infer that it exists? \_\_\_\_\_

## Building Vocabulary

Write a definition for each of the following terms on the lines below.

3. binary star \_\_\_\_\_  
\_\_\_\_\_
4. eclipsing binary \_\_\_\_\_  
\_\_\_\_\_
5. open cluster \_\_\_\_\_  
\_\_\_\_\_
6. globular cluster \_\_\_\_\_  
\_\_\_\_\_
7. spiral galaxy \_\_\_\_\_  
\_\_\_\_\_
8. elliptical galaxy \_\_\_\_\_  
\_\_\_\_\_
9. irregular galaxy \_\_\_\_\_  
\_\_\_\_\_
10. quasar \_\_\_\_\_  
\_\_\_\_\_
11. universe \_\_\_\_\_  
\_\_\_\_\_
12. scientific notation \_\_\_\_\_  
\_\_\_\_\_