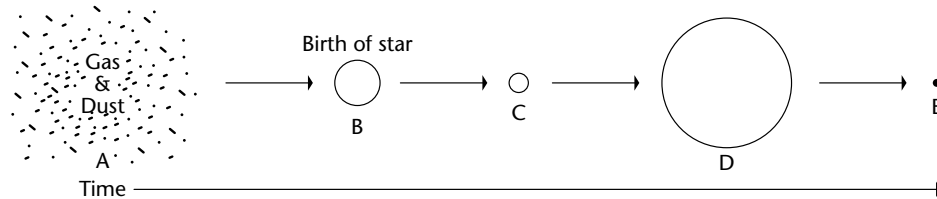


Stars, Galaxies, and the Universe ▪ *Review and Reinforce*

Lives of Stars

Understanding Main Ideas

Fill in each blank with the correct letter from the diagram.



- ___ 1. Red giant or supergiant
- ___ 2. Where fusion begins
- ___ 3. Part of a nebula
- ___ 4. White dwarf, neutron star, or black hole
- ___ 5. The stage the sun is in

Fill in the blank.

- 6. How long a star lives and what it becomes at the end of its life depend primarily on its _____.

Building Vocabulary

From the list below, choose the term that best matches each phrase.

- | | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|
| ___ 7. pulsar | a. exerts such a strong gravitational pull that no electromagnetic radiation can escape |
| ___ 8. white dwarf | b. a large cloud of gas or dust in space |
| ___ 9. nebula | c. what a medium-mass star becomes at the end of its life |
| ___ 10. protostar | d. the earliest stage of a star's life |
| ___ 11. supernova | e. appears to emit pulses of radio waves |
| ___ 12. neutron star | f. formed from the leftover material after a giant star explodes; may contain as much as three times the mass of the sun |
| ___ 13. black hole | g. an explosion that occurs at the end of a giant star's life |

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