

Name: _____

Date: _____

life cycle of a star

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| 1. a large cloud of gas and dust | A. supernova |
| 2. cloud of gas +dust that has a big mass to form a star | B. nebula |
| 3. stars that is fusing hydrogen in its core | C. white dwarf |
| 4. a star's fuel will run out and expand | D. neutron star |
| 5. this phase will last until it exhausts its remaining fuel | E. black hole |
| 6. the blue-white core of the star that is left behind cools | F. protostar |
| 7. a red giant that has exploded | G. main sequence |
| 8. the remains of a white dwarf | H. super giant |
| 9. when a giant star dies its mass can be bigger than the sun | I. black dwarf |
| 10. when gravity pulls so much that even light can't come out | J. red giant |