

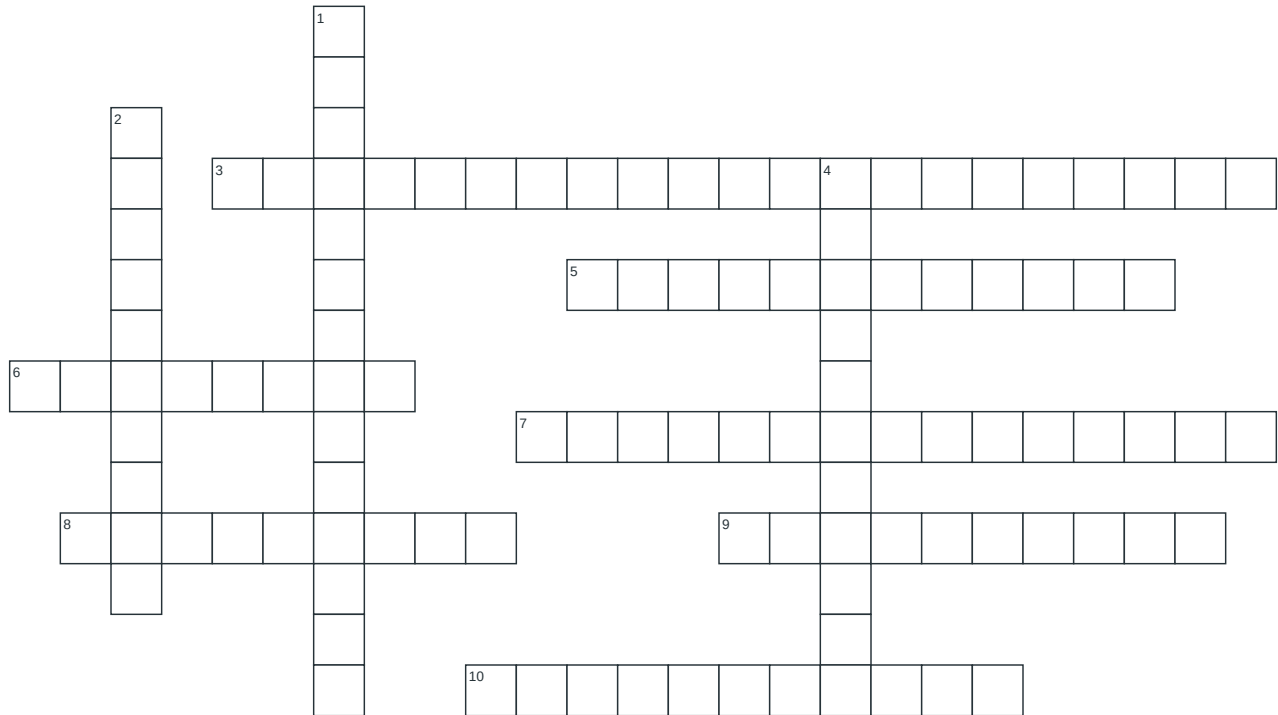
Stars and Stellar Life Cycles Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.

**ACROSS**

3. An explosion associated with collapse of a massive star's core
5. Long-lived stellar stage when a star fuses hydrogen in its core.
6. Expanded late stage of a lower- or intermediate-mass star.
7. Expelled gas surrounding the remnant of a lower-mass star.
8. Early stage in star formation before sustained hydrogen fusion begins

ACROSS (continued)

9. Total energy emitted by a star per unit time
10. Extremely dense remnant that can form after a massive stellar core collapses.

DOWN

1. Nuclear process that combines hydrogen nuclei to form helium and release energy.
2. A dense stellar remnant that gradually cools
4. Amount of matter in a star, a major factor in its evolution.

Stars and Stellar Life Cycles Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

3. Core-collapse Supernova
5. Main sequence
6. Red giant
7. Planetary nebula
8. Protostar
9. Luminosity

ACROSS (continued)

10. Neutron star

DOWN

1. Hydrogen fusion
2. White Dwarf
4. Stellar mass