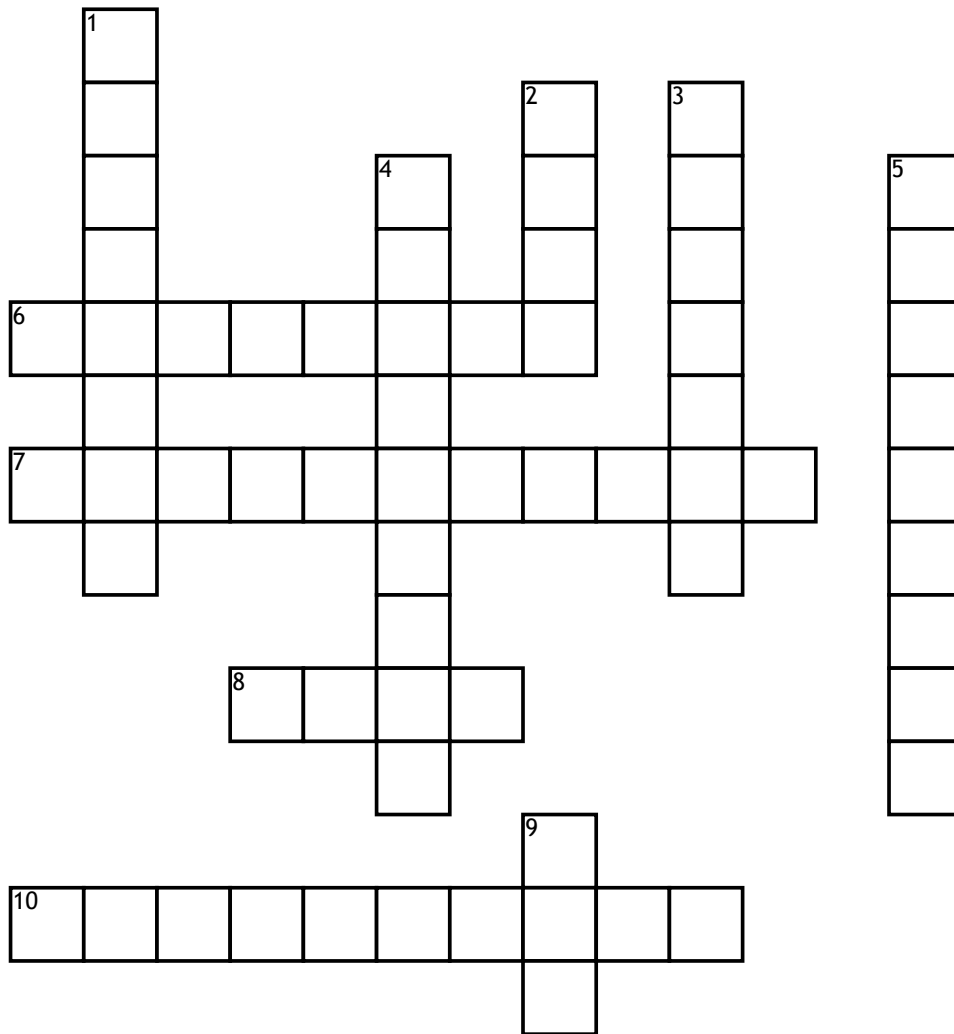


Name: _____

Date: _____

Life Cycle of a Star Crossword Puzzle



Across

6. A nebula slowly starts to what under the force of gravity.

7. Which stage is when the compact core remains from the supernova event.

8. A supergiant star's starts to collapse and heat up, after a helium burning red giant runs out of helium fuel in its core. This phase causes the outer layer to expand and do what.

10. What type of star emits no heat or light?

Down

1. In the main sequence stage to form helium atoms in their core they have to fuse what kind of atoms?

2. In the white dwarf stage after all the outer layers drift away only what remains?

3. A shell of what kind of reactions are caused after the main sequence stage when the hydrogen fuel becomes exhausted?

4. A supernova is the what of a high-mass star.

5. After the supernova event everything that remains is crushed down, forming an incredibly small, dense object known as what.

9. A protostar is a very hot cloud of densely packed what?

Word Bank

black dwarf

core

nuclear

collapse

gas

hydrogen

explosion

neutron star

black hole

cool