

Name:

Date: April 11, 2016

IDENTIFY IT

Identify the stellar stage described in each statement. Then check off each stage that is a part of our own sun's life cycle.

1. A rapidly-spinning neutron star that sends out radio waves

2. An area of infinite density that traps even light

3. Clouds of gas and dust that sometimes clump together to form stars

4. A star that has shed its outer layers, which become a big cloud of gas and dust

5. The explosion created by a rapidly-collapsing star

6. A star that expands after exhausting its hydrogen fuel

THINK ABOUT IT

The life cycle of stars may be boiled down into a tug of war—lasting billions of years—between two basic forces. In your own words, describe these forces, and identify which of the two eventually “wins” the battle.

.....

.....

.....

.....