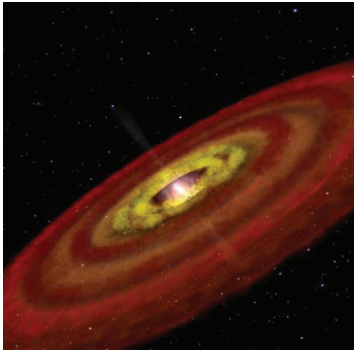


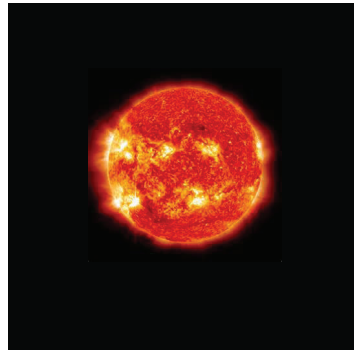
# LIFE OF A STAR WORKSHEET (answer key)

**Directions:** Place the images in the correct order from the birth of a star to its death. Briefly describe what stage in the lifecycle of a star is represented in each image.

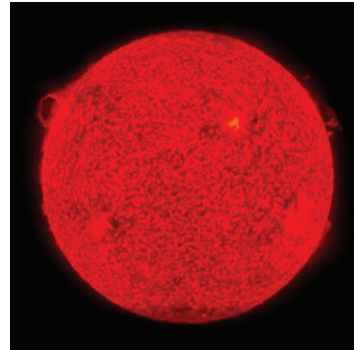
C



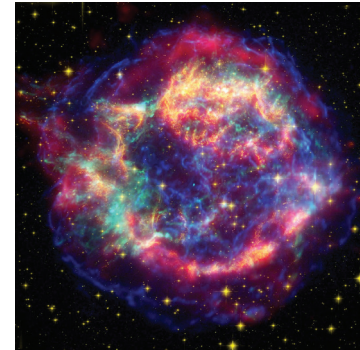
D



B



A



1. = C - Protostar - A star that has not yet reached the fusion stage. It grows by accretion, acquiring mass from surrounding interstellar dust and gas.
2. = D - Star - The star shines as nuclear reactions inside produce light and heat. The vast majority of stars in the Universe are in this stage, including our Sun.
3. = B - Red Giant - The star expands and glows red as it cools, eventually blasting away its outer layers.
4. = A - Supernova Remnant - The result of an explosion of a star; consists of material ejected from the explosion. Only the most massive stars become supernovae.

Sources: Credit: A - O. Krause (Steward Obs.) et al., SSC, JPL, Caltech, NASA; B - Credit: Daniel Huber, University of Sydney; Credit: C - DG Tau artist's conception, W.M Keck Observatory; D - Credit: EIT - SOHO Consortium, ESA, NASA

