Life Cycle of a Star Worksheet

A nebula is made up of
Stars live out the majority of their life in a phase termed as the
The star's main goal in life is to achieve stability, or
The star burns to maintain stability.
Once the outer shell expands to help heat escape, the star is termed a, which is the first step in old age.
When the core collapses sending the shockwaves outwards, the resulting core is called a
Stars are grouped into three categories. Name the masses of each:
Low-mass stars: solar mass or less Medium-mass stars: solar mass to solar mass Massive stars: solar mass or more
Low-mass stars become
Medium-mass stars become
A star is made entirely out of neutrons.
are the most massive and densest singular objects in the universe.
The position of the stars on an H-R diagram tells us two things about a star: its, or absolute magnitude, and its