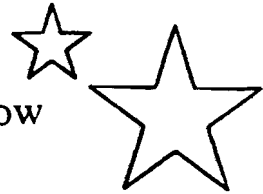




★ STARS

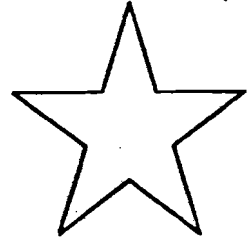


Use pages 64-70 to fill in the outline below

I. Characteristics of stars

Stars differ in many features such as:

- 1.)
- 2.)
- 3.)
- 4.)
- 5.)



A. Size of stars

Biggest stars = _____ (_____ x as big as the sun)
 _____ (45 x as big as _____)
Medium-sized stars (as big as the sun)
 _____ (smaller than _____)
 Smallest stars = _____ (diameter of only 16km)

B. Composition of stars

- To determine the composition of stars, astronomers use a _____.
- The most common element in stars is _____.
- _____ is the second most common element.

C. Surface temperature of stars

Hottest star color = _____

Coolest star color = _____

D. Brightness of stars

- The brightness of a star depends on:
 - 1.) _____ (the _____ it is, the brighter it is)
 - 2.) _____ (the _____ it is, the brighter it is)
 - 3.) _____ (the _____ it is, the brighter it is)
- The _____ is the brightness of a star as it appears from Earth.
- The _____ is the amount of light the star actually gives off.

LIFE CYCLE OF A STAR

