



1. What does H-R stand for?
2. As you move from bottom to top in an H-R diagram, how do stars change?
3. As you move from left to right in an H-R diagram, how do stars change?
4. If you put all of the stars in the Universe on an H-R diagram, where would 90% of them be located?
5. What is the name for the group of stars that form a diagonal line from top left to bottom right?

6. What is the energy source of all main sequence stars?

7.
 - a. Describe the stars in the top right of an H-R diagram.

 - b. What is their main energy source?

8.
 - a. Describe the stars in the bottom middle of an H-R diagram.

 - b. What is their energy source?

9. Where are the blue stars in an H-R diagram?

10. Where would our Sun be in this H-R diagram? Why?

11. In the future, our Sun is going to move to different parts of the diagram. What path will it follow on the diagram, and why?