

AST 301

Quiz #7

Name: \_\_\_\_\_

1. A main sequence star is in thermal equilibrium. What does this mean?  
(Said differently, what is the definition of thermal equilibrium as it applies to a main sequence star?)

Energy generated inside the star by nuclear fusion balances energy lost from the surface by radiation.

2. Put the following stages of a star's life in the order in which they occur:

- A) protostar
- B) main sequence star
- C) red giant
- D) planetary nebula
- E) white dwarf