

Worksheet: Fusion in Stars



Question Video

Q1: Once the hydrogen in the core of a star runs out, what element does the star begin to fuse next?

- A Carbon
- B Beryllium
- C Lithium
- D Helium
- E Boron

Q2: Nuclear fusion only happens in the ___ of a star, where the ___ and ___ are high enough to allow nuclear fusion to occur.

- A outer layers, pressure, viscosity
- B outer layers, temperature, pressure
- C core, temperature, gravitational potential
- D core, temperature, viscosity
- E core, temperature, pressure

Q3: Once the hydrogen and the helium in the core of a star runs out, what element does the star begin to fuse next?

A Lithium

B Carbon

C Boron

D Beryllium

E Iron