



## Some Clicker Questions - #1

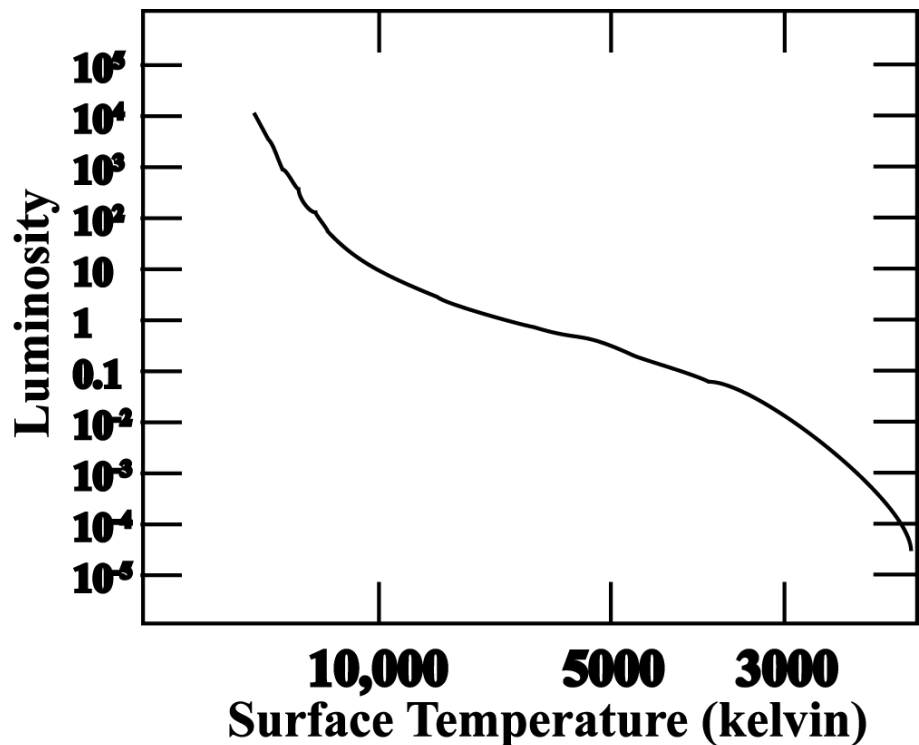
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What happens to a star if its surface temperature is increased and its size remains the same?

- A) It only gets brighter
- B) It only gets more red
- C) It gets brighter and more blue**
- D) It only gets dimmer
- E) It gets dimmer and more red



## Some Clicker Questions - #2



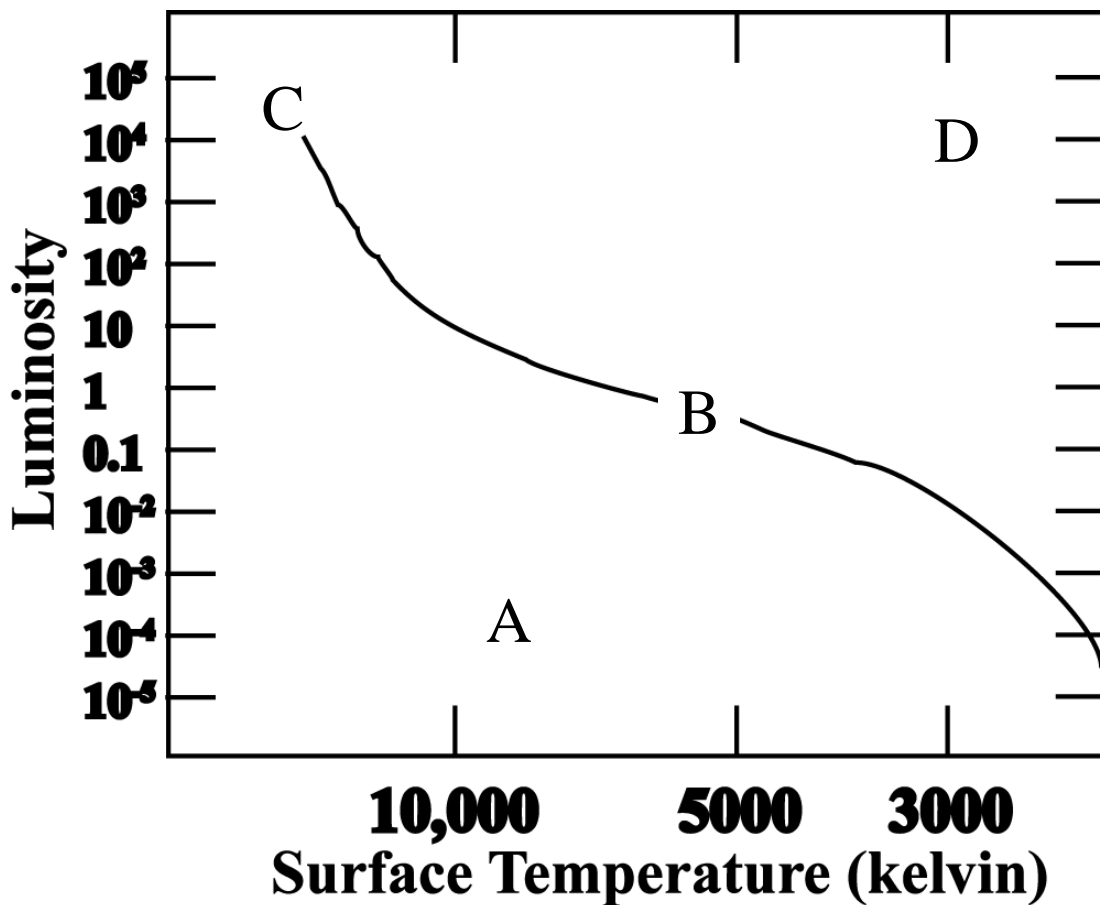
The line in the HR diagram indicates the “main sequence”. What determines if a star lies on the main sequence?

- A) It is blue
- B) It is red
- C) **How it produces energy**
- D) Its temperature
- E) What the surface is made out of

Luminosity is relative to our Sun.



# Some Clicker Questions - #3



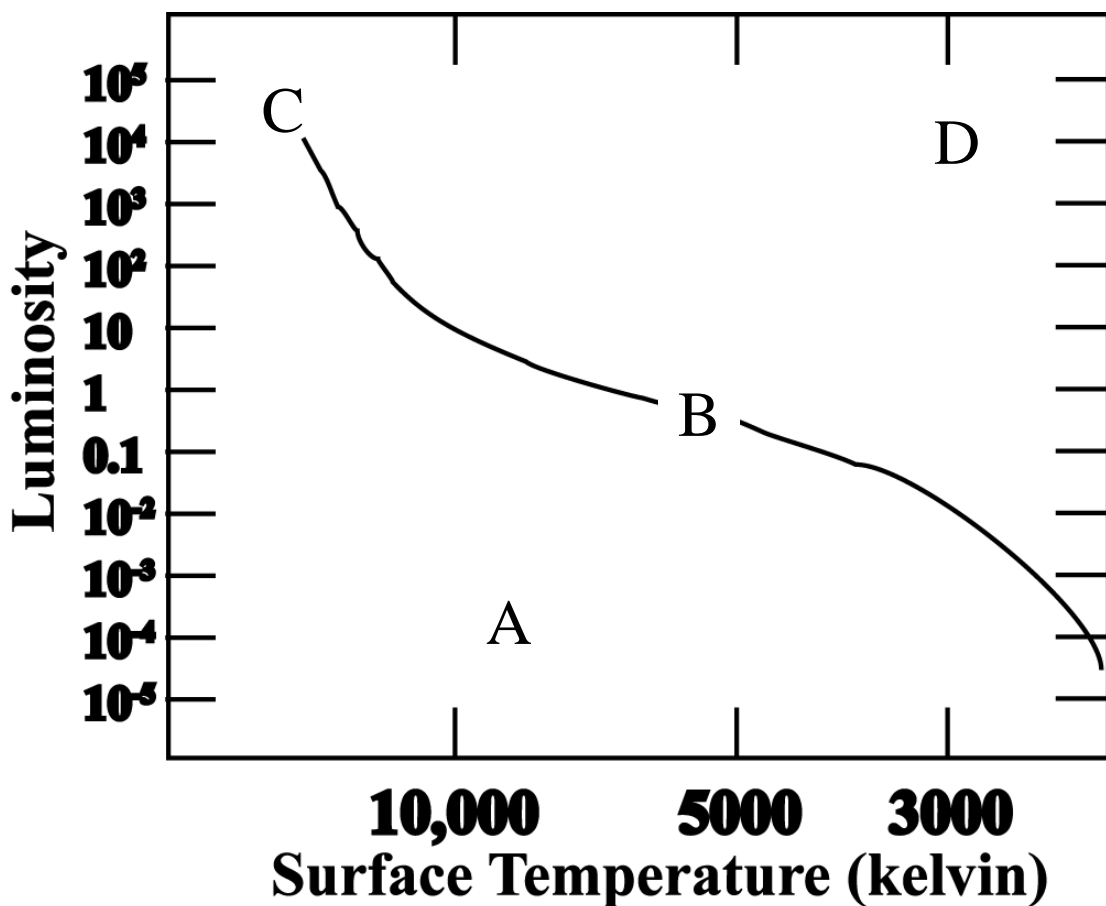
Where do we find White Dwarfs on the HR diagram?

A

Luminosity is relative to our Sun.



## Some Clicker Questions - #4



Where would we find our Sun on an HR diagram?

**B**

Luminosity is relative to our Sun.