

Stellar Evolution - True or False?

Are the following statements about Stellar Evolution TRUE or FALSE? Cross out the wrong word.

1. When it has used all its nuclear fuel, the Sun will explode - this is called a supernova.

TRUE / FALSE

2. The star found at the centre of a planetary nebula is a White Dwarf.

TRUE / FALSE

3. When a supernova occurs, the remaining star can be either a Neutron Star or Black Hole.

TRUE / FALSE

4. The fact that heavy elements such as gold and silver are found on Earth shows that the Sun (and planets) was formed from re-cycled stellar matter.

TRUE / FALSE

5. White Dwarfs are about the same size as the Earth.

TRUE / FALSE

6. Neutron Stars rotate rapidly and emit radio waves from their poles - these are called pulsars.

TRUE / FALSE