Printable Video Worksheet
Crash Course Astronomy

Name _____
Date _____

#29 - Low Mass Stars

1. The dividing line between low mass stars and high mass stars lies around _____
2. During the fusion of hydrogen, four protons get turned into _____
3. A higher mass star squeezes hydrogen harder, so _____
4. For a star, the lower its mass, _____
5. How long can a really low mass red dwarf last? _____
6. When a low mass red dwarf dies, it will be nearly pure _____
7. With stars like the Sun, the material in the core _____
8. What is the total life span of the Sun? _____
9. The Sun's cores is getting _____
10. Since it was born, the Sun has increased in luminosity by about _____
11. When the Sun runs out of hydrogen in the core, hydrogen outside the core will _____
12. As the Sun grows to well over twice its current size, it will be classified as _____
13. As the Sun bloats up to 10 to 150 times its present size, it will be classified as _____
14. When it turns into a red giant, the Sun will increase its luminosity by about _____
15. When the Sun expands, it'll reach a radius very close to the size of _____
16. As the Sun expands it loses mass, and the Earth will _____