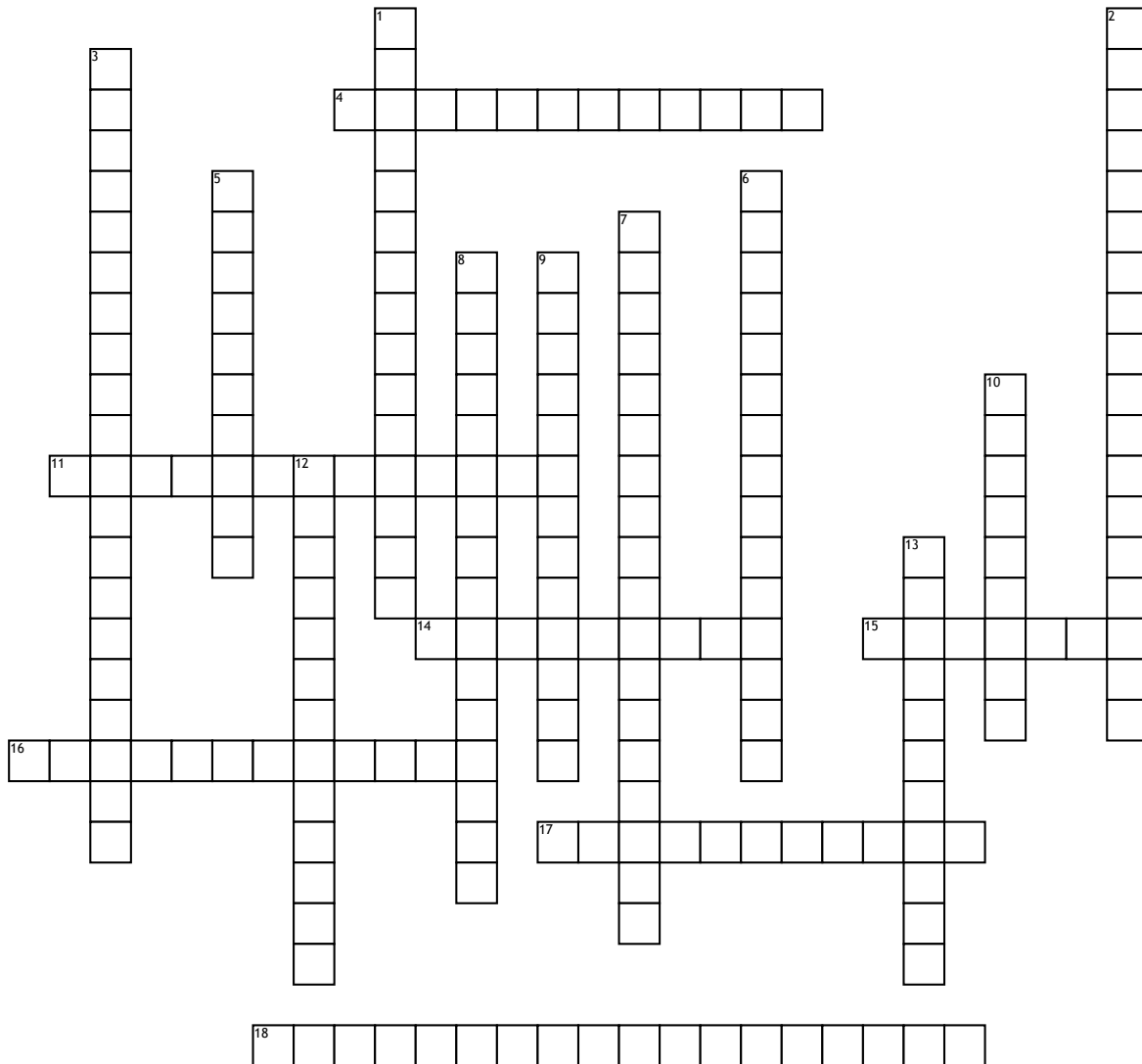


Name: _____

Date: _____

Stellar Life



Across

4. any star that changes brightness in a periodic way

11. a white dwarf is not a star.. it is this

14. smaller cooler stars that could live over 10 times longer than our sun

15. lower edge of the main sequence

16. the limit where stars move off the main sequence

17. helium fusion beginning with an explosion

18. the law that states that mass in must equal mass out

Down

1. ionized gases expelled by a dying star

2. the combination of three helium nuclei

3. law that states that energy in must equal energy out

5. star that does not ignite helium fusion

6. a multitude of stars that form a spherical shape

7. internal characteristics that change size, temperature and luminosity

8. gas that is so dense that electrons cannot change energy levels

9. whirling disk of gas

10. explosion of super giant

12. eruptions in the helium fusion shell

13. collection of less than 1000 stars that is transparent