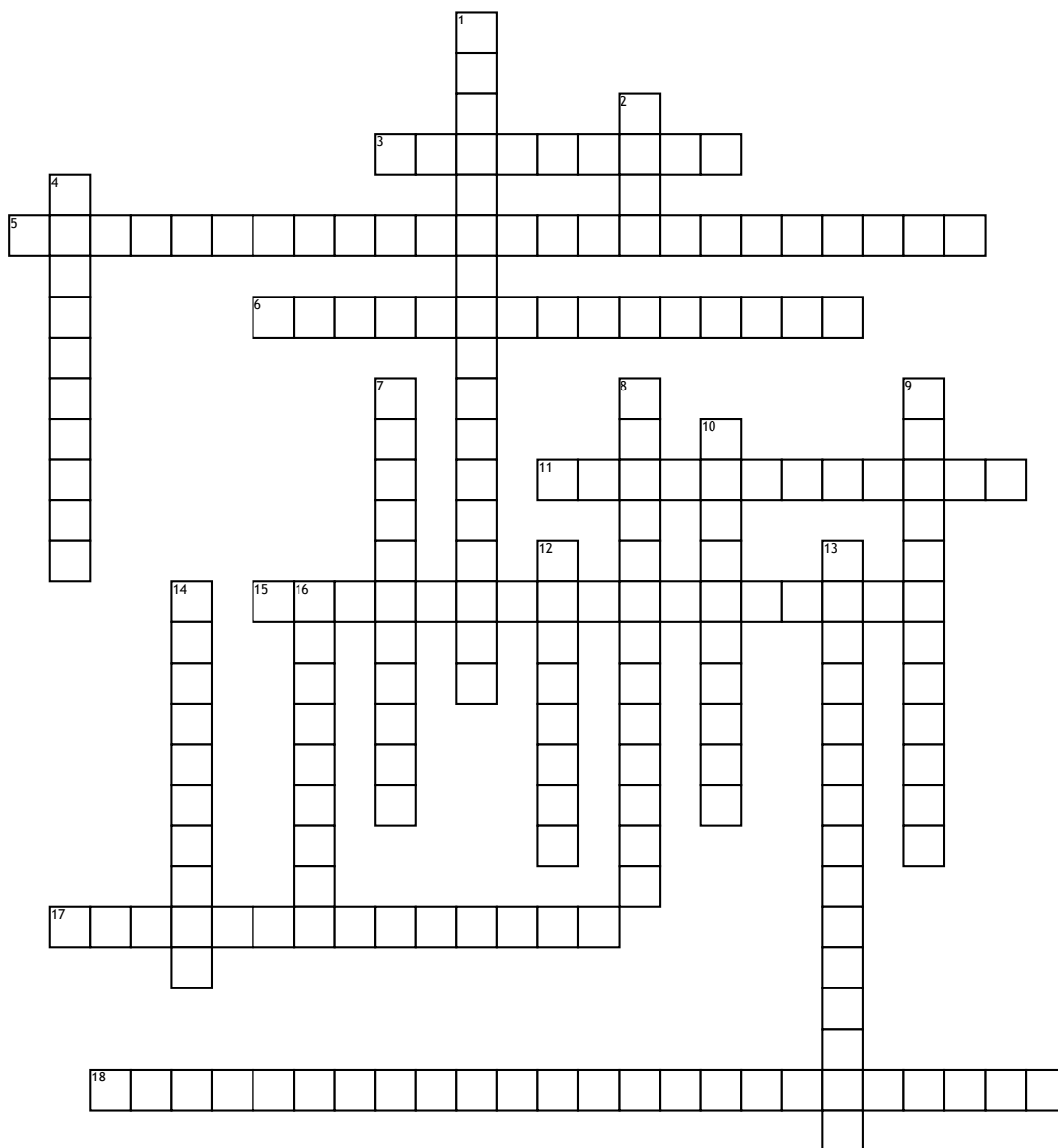


Name: _____

Date: _____

Star Crossword



Across

3. A star with above the main sequence in the Hertzsprung-Russell Diagram

5. Includes Visible Light, Gamma Rays, X-Rays, Infrared, etc.

6. The gas emitted from a star's outer layers when it begins to die

11. Also known as the Triple-Alpha Process

15. The actual brightness of a star

17. Process that powers the sun and stars

18. A graph that plots stars based on their temperature versus their luminosities

Down

1. The brightness of a star as it appears from Earth

2. Massive ball of fire and gas in space

4. A white dwarf that has completely cooled and does not emit light any more

7. What is left of a large star after a supernova but not quite large enough to create a black hole

8. Chemical reaction with the nuclei of different atoms joining together

9. main strand of stars in the Hertzsprung-Russell Diagram

10. How bright an object from space appears compared to how far away it is

12. Star of high luminosity and low surface temperature

13. Formation of atoms other than the hydrogen atoms

14. The core of a star left behind after it sheds its outer layers

16. What is left after a supernova from a large star