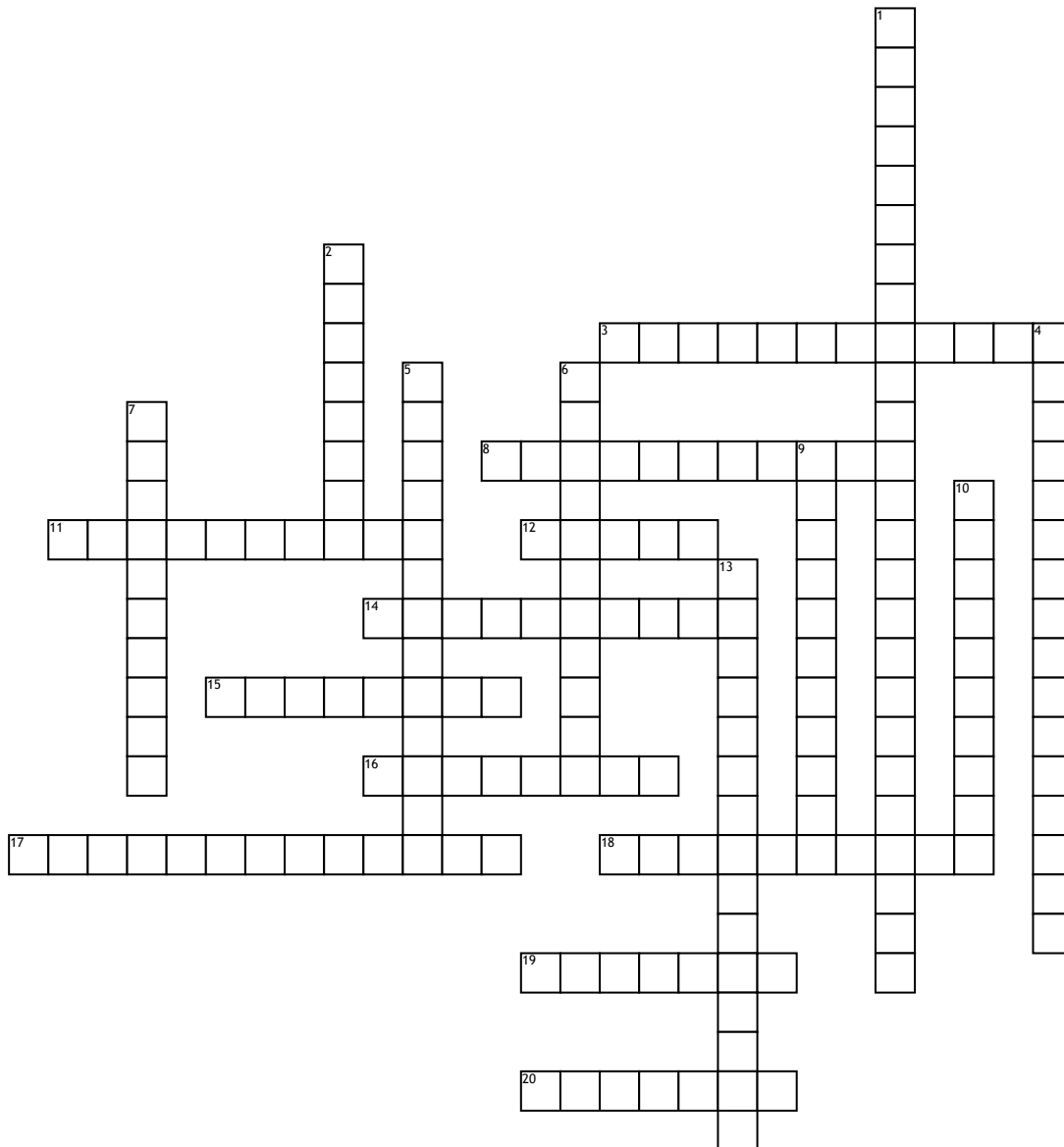


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Unit 3A Crossword



## Across

3. Sun Centered

8. The sun, all the planets, and the other bodies that travel around it

11. A loop of relatively cool, incandescent gas that extends above the photosphere

12. The path that a body follows as it travels around another body in space

14. Earth Centered

15. In the orbit of a planet or other body in the solar system, the point that is farthest from the sun

16. An apparent shift in the position

17. The process by which nuclei of small atoms combine to form a new more massive nucleus

18. The point in the orbit of a planet at which the planet is closest to the sun

19. A force of attraction between objects that is due to their masses

20. A dark area of the photosphere on the sun that is cooler than surrounding areas

## Down

1. A law stating that and two masses attract each other with a force equal to a constant

2. The spin of a body on its axis

4. The inward force required to keep a particle or an object moving in a circular path

5. A small body from which a planet originated in the early stages of development of the solar system

6. A rotating cloud of gas and dust from which the sun and planets formed

7. The motion of a body that travel around another body in space

9. An explosive release of energy that comes from the sun

10. The transfer of heat caused by the circulation or movement of the heated parts of a liquid or gas

13. An educated guess with evidence