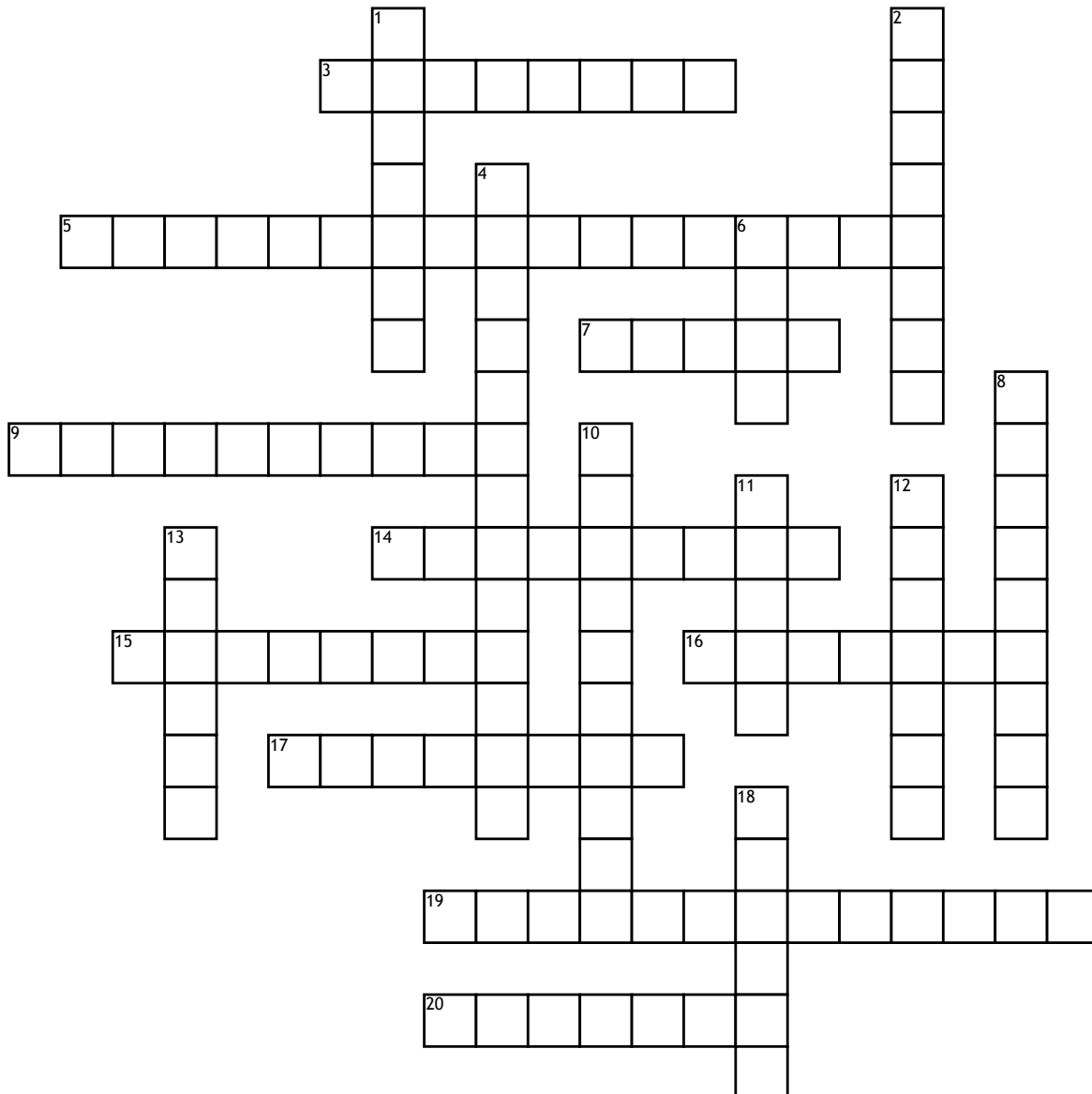


# Astronomy



## Across

3. Everything outside of earth  
 5. A planet whose orbit stays within the asteroid belt  
 7. When an object revolves around another object  
 9. the movement of one object around a center or another object  
 14. Study of all things outside of earth  
 15. When the sun reaches its highest point in the sky at noon, marked by the shortest and longest days

16. The force that pulls an object of mass down to earth

17. Time for earth to make a complete rotation on its axis

19. Group of stars clustered together to make a shape

20. When the sun passes the celestial equator

## Down

1. Sir Isaac Newton's first law of motion

2. A circular movement of an object around a center

4. The theory that the universe started with a 'big bang'

6. The tilt an object rotates on

8. The distance light travels in a year

10. The shape of the illuminated moon from earth's perspective

11. Region of complete shadow caused by blocked light

12. Point of moon's orbit where it is closest to earth

13. Point of moon's orbit where it is the farthest from earth

18. A system of stars, planets, dust, and gas, all held together with gravity