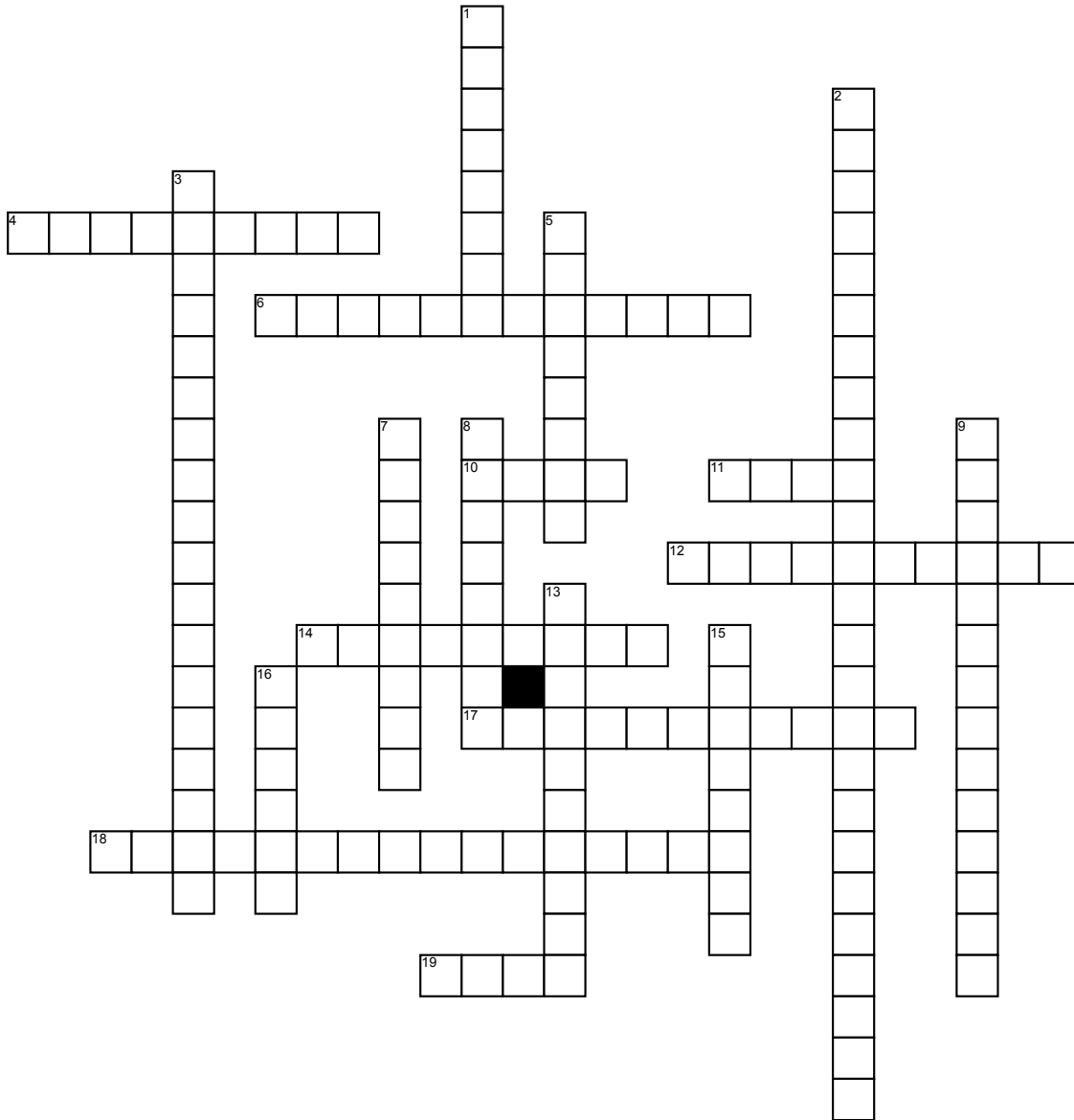


# Astounding Astronomy



## **Across**

4. debris from artificial objects orbiting earth  
 6. when the moon is aligned between the earth and the sun  
 10. luminous gasses held together by own gravity  
 11. a natural satellite  
 12. caused when the sun is in constant motion and rotating at different speeds  
 14. the scientific study of what is beyond the earth  
 17. Pluto is a \_\_\_\_\_

18. approximately 150 million kilometers

19. a hot star is this colour

## **Down**

1. all existing space, matter and energy  
 2. plots absolute magnitude against star surface temperature  
 3. small, rocky celestial objects that are closest to the sun  
 5. earth is part of the \_\_\_\_\_  
 7. the sun emits this across most of the EM spectrum

8. irregularly shaped pieces of metal and rock to small to be planets

9. caused by solar particles colliding with matter in the earth's upper atmosphere (this includes oxygen, nitrogen, argon, and carbon dioxide)

13. gas charged particles expelled above an active sunspot

15. the path of celestial objects across the sky

16. flash of light that we see in the night sky when debris burns up and passes through the atmosphere