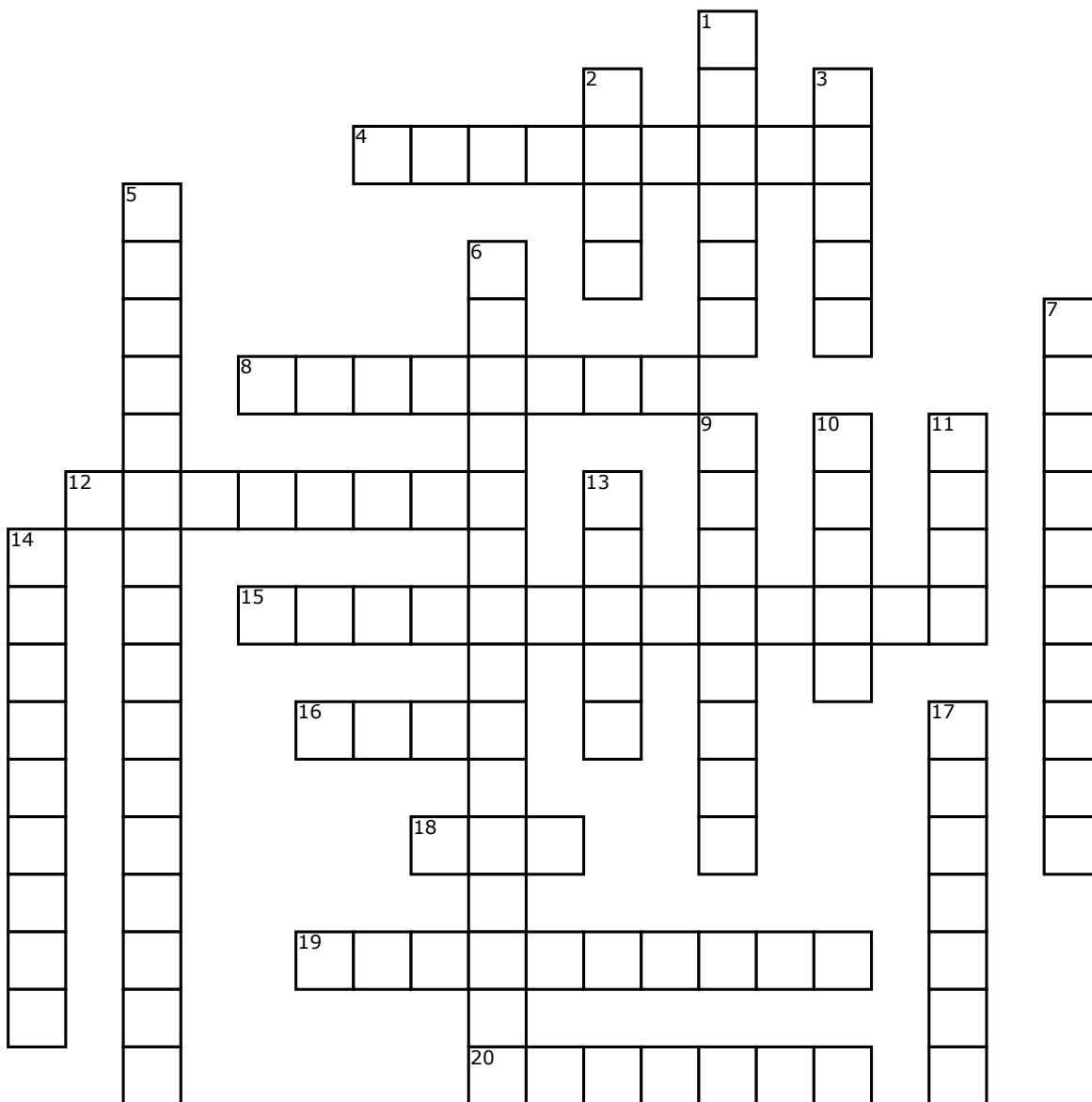


# ASTR/PTYS 170B2 - Extra Homework



## Across

4. Part of an asteroid found the Earth's surface (9)  
 8. Type of electromagnetic radiation having a wavelength between the red end of the visible light spectrum and microwaves (8)  
 12. Distance from the sun where it is cold enough for volatile compounds to condense into solid ice (8)  
 15. Process that powers stars (13)  
 16. Either the Kuiper or Asteroid \_\_\_\_\_ (4)  
 18. These objects approach the Earth very closely (3)  
 19. Comet's orbits are \_\_\_\_\_ (10)

**20.** Force by which a planet or other body draws objects toward its center (7)

## Down

1. Comets are found in this belt (6)  
 2. Spherical cloud where long period comets are thought to originate (4)  
 3. The OSIRIS-REx mission will be collecting samples of this asteroid (5)  
 5. unit of measurement equal to the mean distance from the Earth to the Sun (12:4)  
 6. Gradual alteration process of materials when they are exposed to irradiation and/or micrometeoroid impacts on the surface of airless bodies (5: 10)  
 7. These types of comets are usually found in the spherical Oort cloud (4:6)  
 9. First known interstellar object to visit our solar system (8)  
 10. Path of an asteroid or comet around the Sun (5)  
 11. Natural satellite (4)  
 13. Until its status was changed to dwarf planet in 2006: this was the largest known asteroid (5)  
 14. Unit of astronomical distance equivalent to the distance that light travels in one year (5:4)  
 17. Asteroid visited by the JAXA Hayabusa1 mission (7)