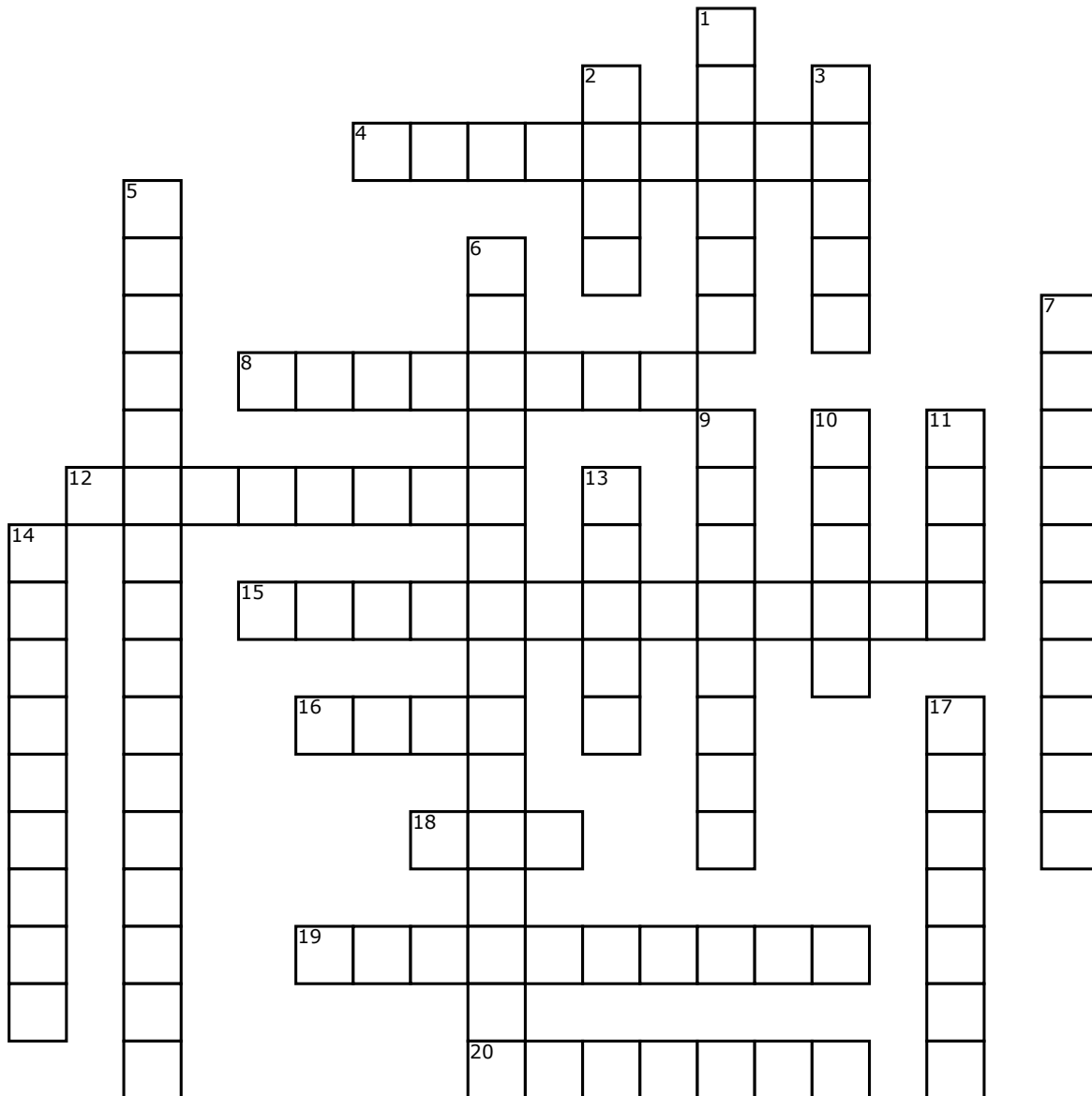


# ASTR/PTYS 170B2 - Extra Homework



## **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)