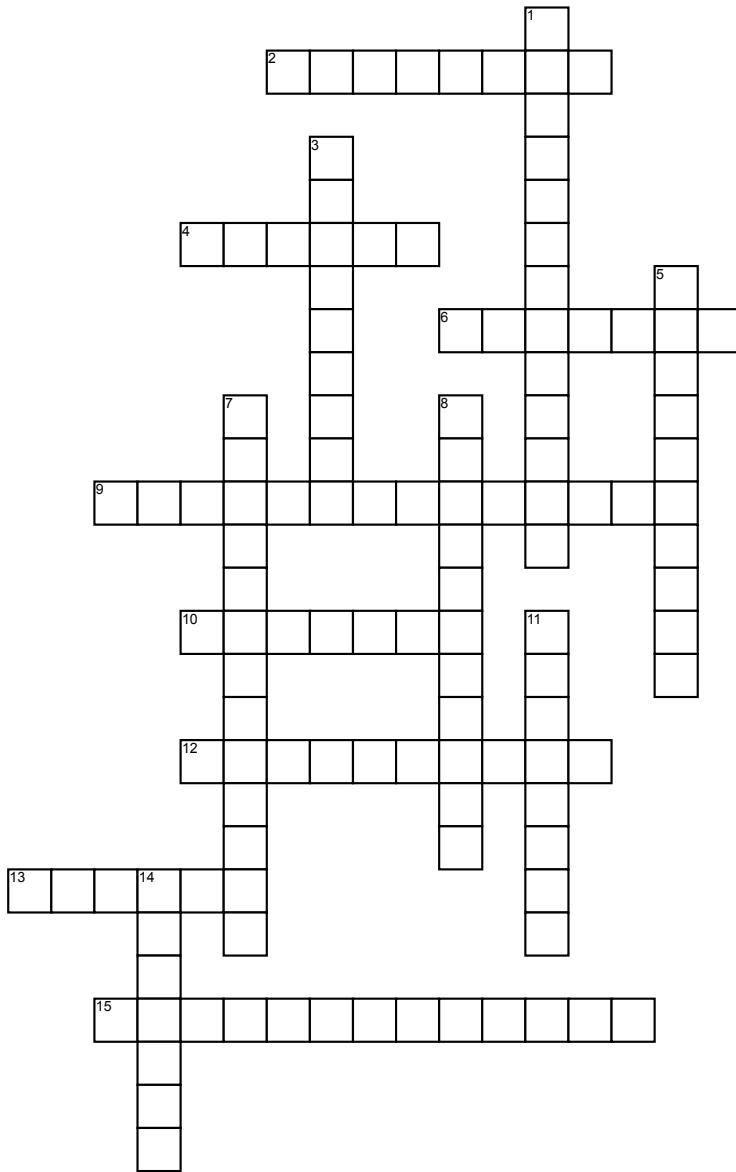


Astronomy



Across

2. In a solar system, what is it called when two stars, in orbit, are the farthest away from each other?
4. A system of billions of stars held together by gravitational attraction
6. The force that keeps an object going straight until acted upon by an external force
9. The velocity an object must have in order to escape the gravitational attraction of a planet
10. A phase of the moon, in which there is no light reflecting?

12. A hypothetical type of matter that comes from dark energy?

13. What is the light that reflects off the surface of a star, moon, or planet?

15. What is a theory that attempts to describe how the universe came to be?

Down

1. An effect named after a person, in which the frequency of sound or light change as the source and the observer move toward or away from each other?

3. An object having a gravitational so strong, no matter or radiation can escape

5. A solar system, in which there are two stars orbiting a barycenter

7. What equation is most to estimate the number of civilizations or intelligent life force in the universe?

8. A shooting star

11. An object being only acted upon by gravity

14. The time at which the sun is at celestial equator and the length of day and night are the same