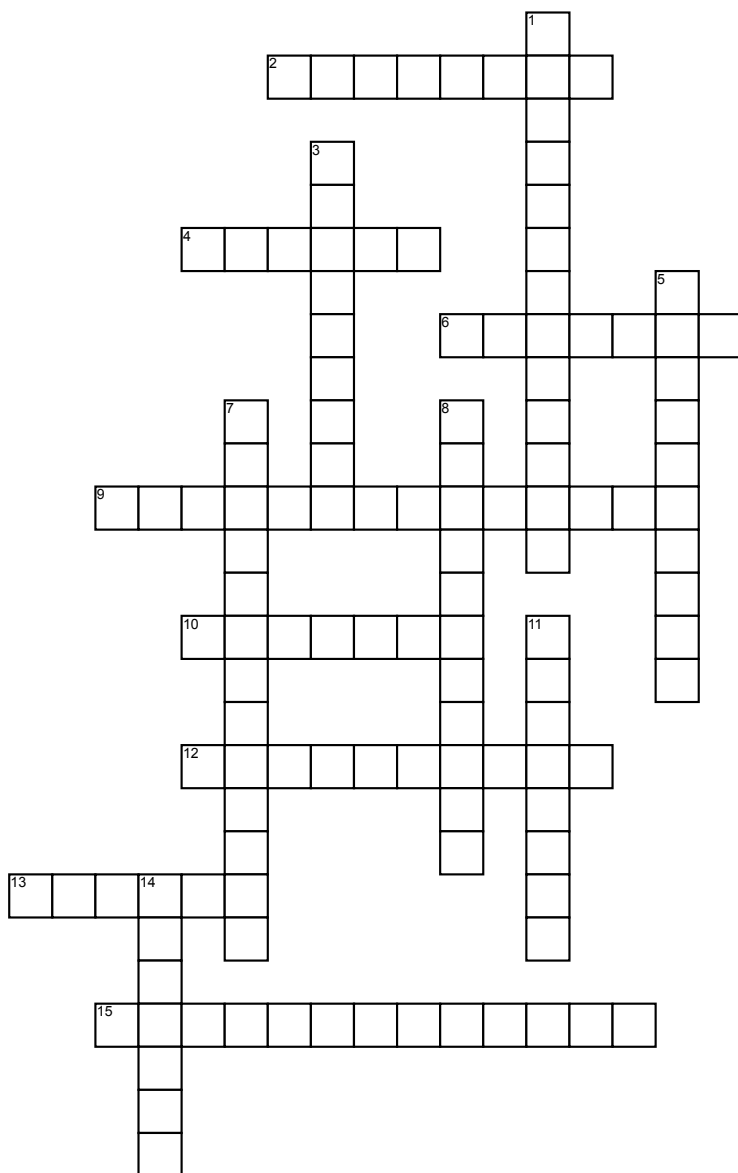


Astronomy



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 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 is two 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