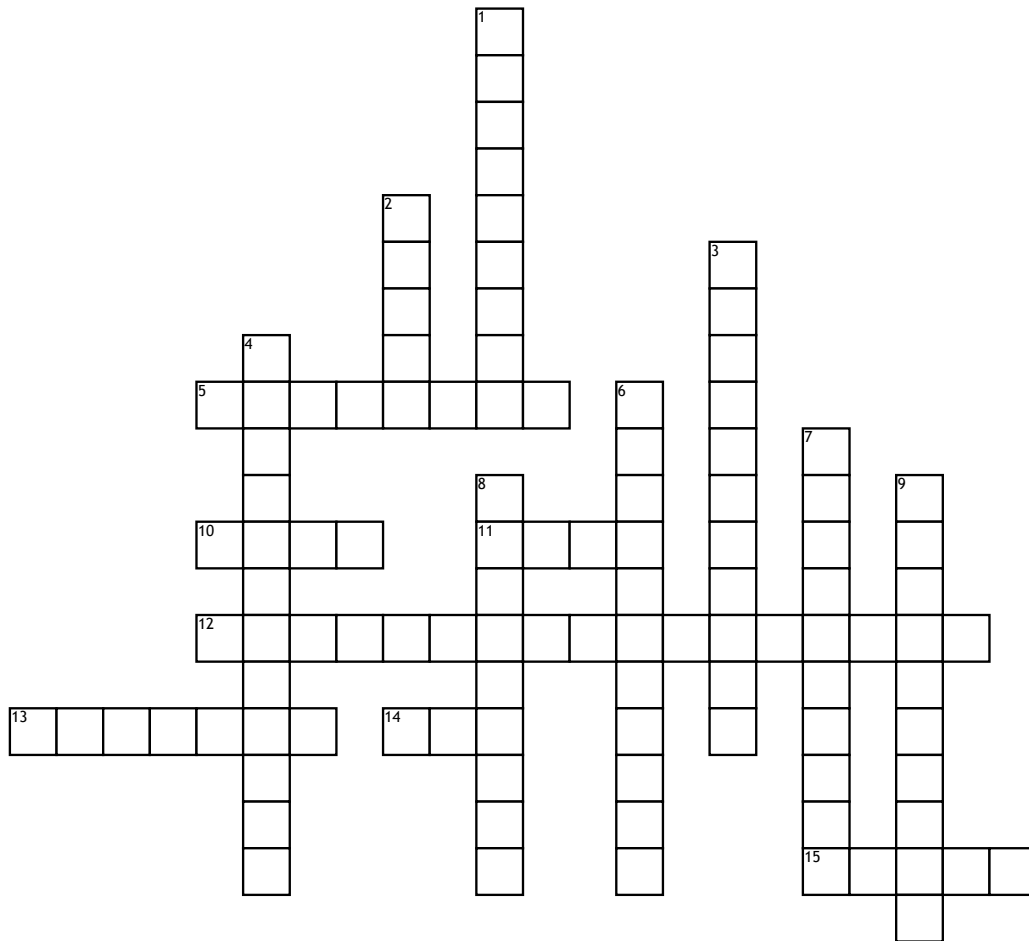


# Solar System Puzzle



## Across

5. a tide just after the first or third quarters of the moon when there is least difference between high and low water

10. the natural satellite of the earth, visible (chiefly at night) by reflected light from the sun.

11. a fixed luminous point in the night sky which is a large, remote incandescent body like the sun.

12. the theory that the solar and stellar systems were developed from a primeval nebula.

13. the force that attracts a body toward the center of the earth, or toward any other physical body having mass.

14. the star around which the earth orbits.

15. the alternate rising and falling of the sea, usually twice in each lunar day at a particular place, due to the attraction of the moon and sun.

## Down

1. another term for asteroid.

2. the curved path of a celestial object or spacecraft around a star, planet, or moon, especially a periodic elliptical revolution.

3. the collection of eight planets and their moons in orbit around the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.

4. having or representing the sun as the center, as in the accepted astronomical model of the solar system.

6. a celestial body resembling a small planet but lacking certain technical criteria that are required for it to be classed as such.

7. a region of the solar system beyond the orbit of Neptune, believed to contain many comets, asteroids, and other small bodies made largely of ice.

8. the branch of science which deals with celestial objects, space, and the physical universe as a whole.

9. a tide just after a new or full moon, when there is the greatest difference between high and low water.

## Word Bank

Planetoid

Tides

Orbit

Spring tide

Sun

Nebular hypothesis

Neap tide

Gravity

Astronomy

Heliocentric

Moon

Dwarf planet

Star

Solar system

Kuiper belt