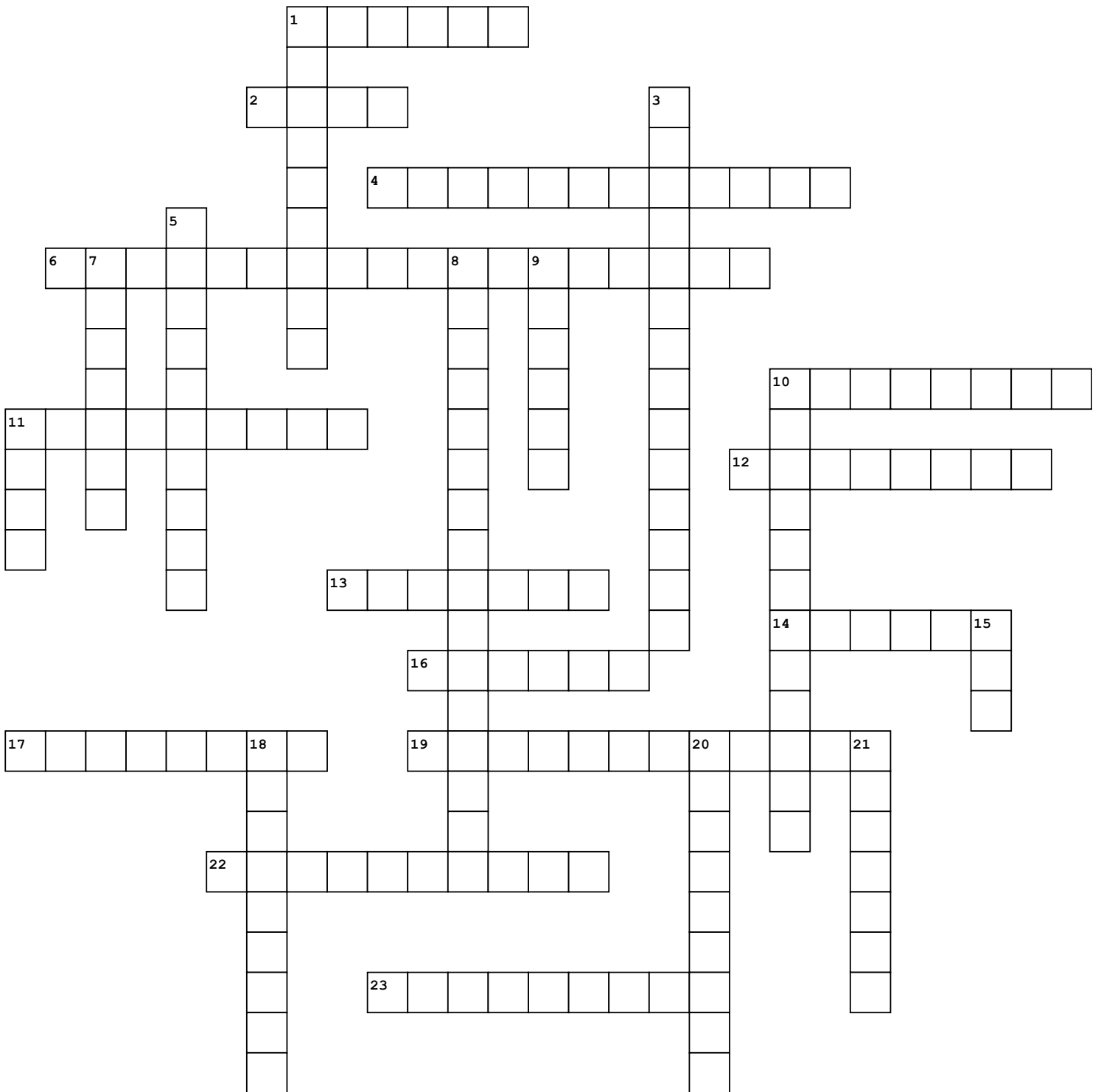


# Solar System Crossword Puzzle (Section 1.0 Vocabulary)



### Across

1. A large body of matter that orbits the sun in a well-defined orbit.

### Down

1. The first stage in a star's formation.

2. A natural satellite of a planet.
4. The Sun-centered model of the solar system proposed by Copernicus in 1530.
6. The gases and dust that exist in space between the stars.
10. The longest or shortest days of the year.
11. The charged particles that flow out of the Sun at 400 km/s.
12. A highly dense remnant of a star in which gravity is so strong that light can't even escape.
13. The 2 days a year when the day and night are equal length
14. Objects made of dust and ice that orbit the sun and have bright tails when they get close to the sun.
16. A group of billions of stars, gas and dust held together by gravity.
17. The spiral galaxy that we live in.
19. When the Earth passes between the Sun and Moon, casting a shadow on the moon.
22. The Earth-centered model of the solar system proposed by Aristotle 2000 years ago.
23. The remains of a meteor that do not burn up completely and hit the Earth's surface.
3. Groupings of stars that form patterns in the night sky.
5. Small piece of rock flying through space with no particular path.
7. Large clouds of gas and dust in space where stars form.
8. A measure of distance used to describe the position of planets relative to the Sun (1 AU = distance between the Earth and Sun = 149 599 000 km).
9. A meteoroid that enters the Earth's atmosphere where the heat of friction causes it to glow brightly.
10. When the moon passes between the Sun and Earth, casting a shadow on Earth.
11. A sphere of gas that emits light.
15. The 1.4 million km diameter star in the center of our solar system.
18. Small rocky bodies orbiting the Sun lying mainly in a narrow belt between Mars and Jupiter.
20. The distance that light travels in one year (=9.5 trillion km).
21. The oval path that planets travel around the Sun.