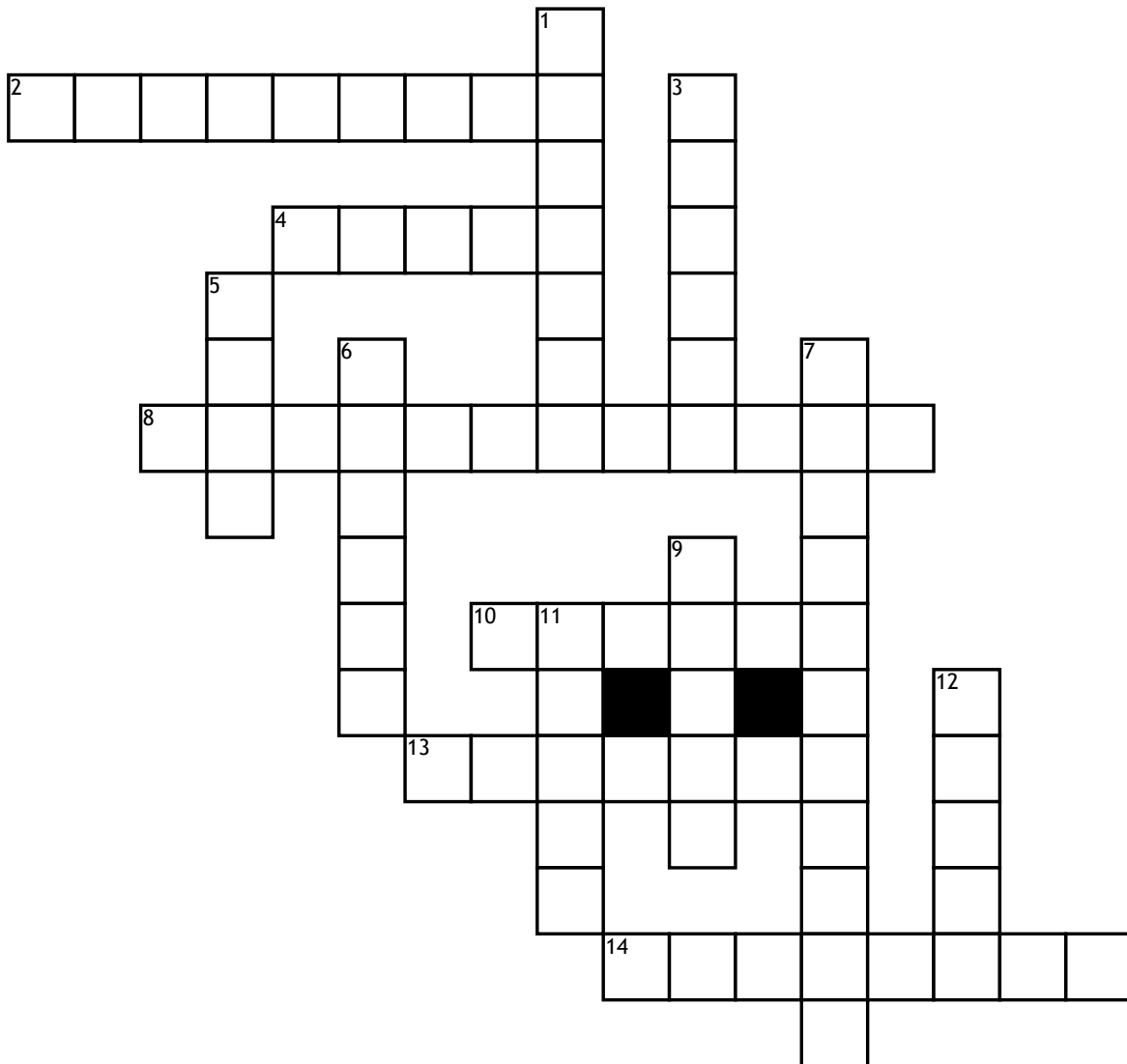


The Solar System



Across

2. A meteoroid that strikes the surface of a moon or planet
4. Space object made of dust and rock particles mixed with frozen water, methane, and ammonia that forms a bright coma as it approaches the Sun.
8. Giant, high - pressure storm in Jupiter's atmosphere.
10. Smallest planet, closest to the Sun; does not have a true atmosphere; has a surface with many craters and high cliffs.
13. Smallest planet, closest to the Sun; does not have a true atmosphere; has a surface with many craters and high cliffs.

14. A piece of rock or metal made up of material similar to that which formed the planets; mostly found in the asteroid belt between the orbits of Mars and Jupiter

Down

1. Usually the eighth planet from the Sun; is large and gaseous, has rings that vary in thickness, and is bluish - green in color.
3. Seventh planet from the Sun; is large and gaseous, has a distinct bluish - green color, and rotates on an axis nearly parallel to the plane of its orbit.
5. Fourth planet from the Sun; has polar ice caps, a thin atmosphere, and a reddish appearance caused by iron oxide in weathered rocks and soil.

6. Second - largest and sixth planet from the Sun; has a complex ring system, at least 31 moons, and a thick atmosphere made mostly of hydrogen and helium.
7. System of eight planets, including Earth, and other objects that revolve around the Sun
9. Second planet from the Sun; similar to Earth in mass and size; has a thick atmosphere and a surface with craters, fault - like cracks, and volcanoes.
11. Third planet from the Sun; has an atmosphere that protects life and surface temperatures that allow water to exist as a solid, liquid, and gas.
12. Dwarf planet that takes 248 years to complete one orbit around the Sun; has a thin atmosphere and a solid - rock surface with 3 moons.