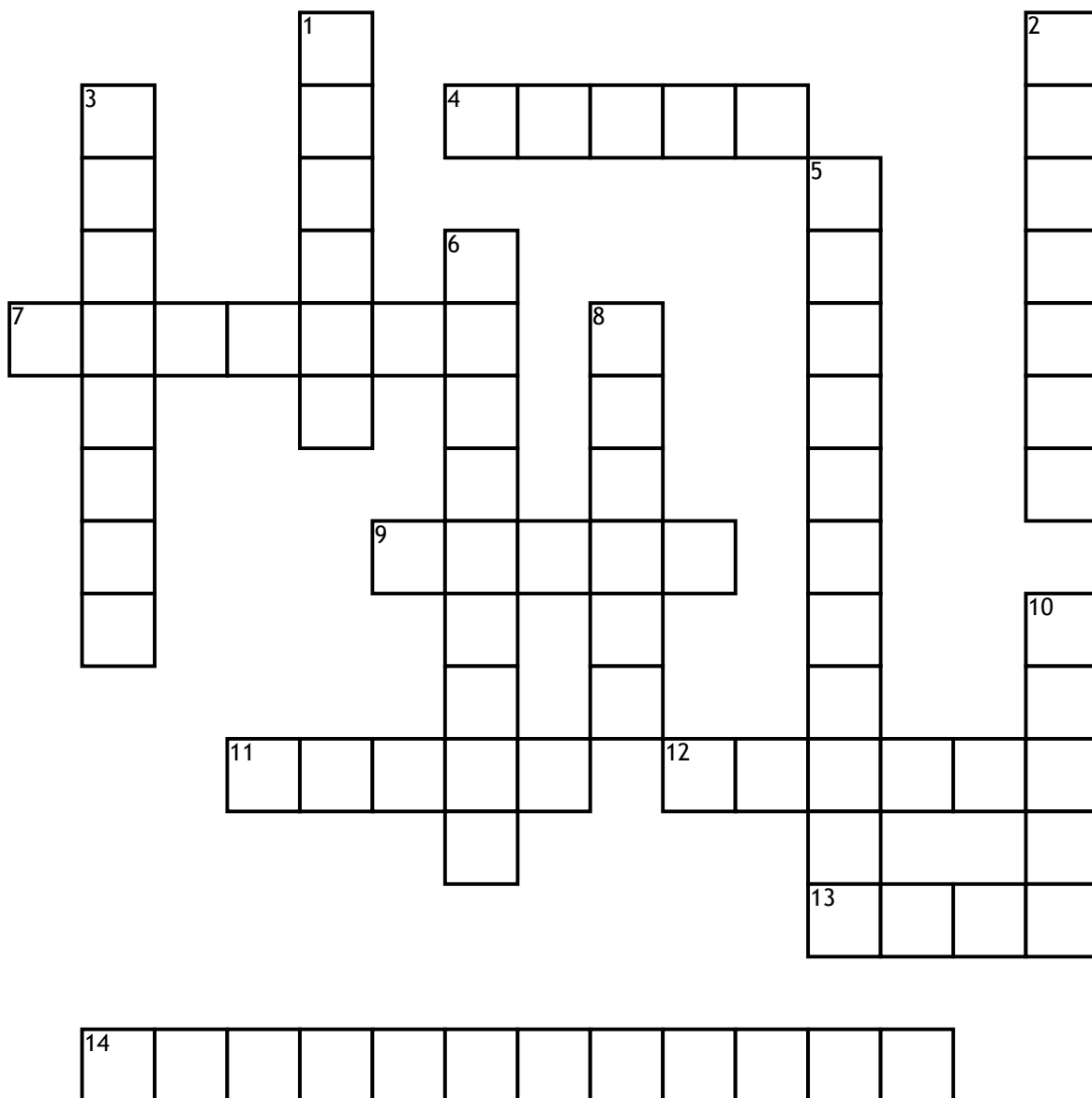


Name: _____ Date: _____ Period: _____

The Solar System



Across

4. 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.
7. Usually the eighth planet from the Sun; is large and gaseous, has rings that vary thickness, and is bluish-green in color.
9. 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.
11. Dwarf planet that takes 248 years to complete one orbit around the Sun; has a thin atmosphere and a solid, icy-rock surface with three moons.

12. 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.

13. 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.
14. Giant, high-pressured storm in Jupiter's atmosphere.

Down

1. 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.
2. Smallest planet, closest to the Sun; does not have a true atmosphere; has a surface with many craters and high cliffs.

3. 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.

5. System of eight planets, including Earth, and other objects that revolve around the Sun.

6. A meteoroid that strikes the surface of a moon or planet.

8. A meteoroid that burns up in Earth's atmosphere.

10. 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.