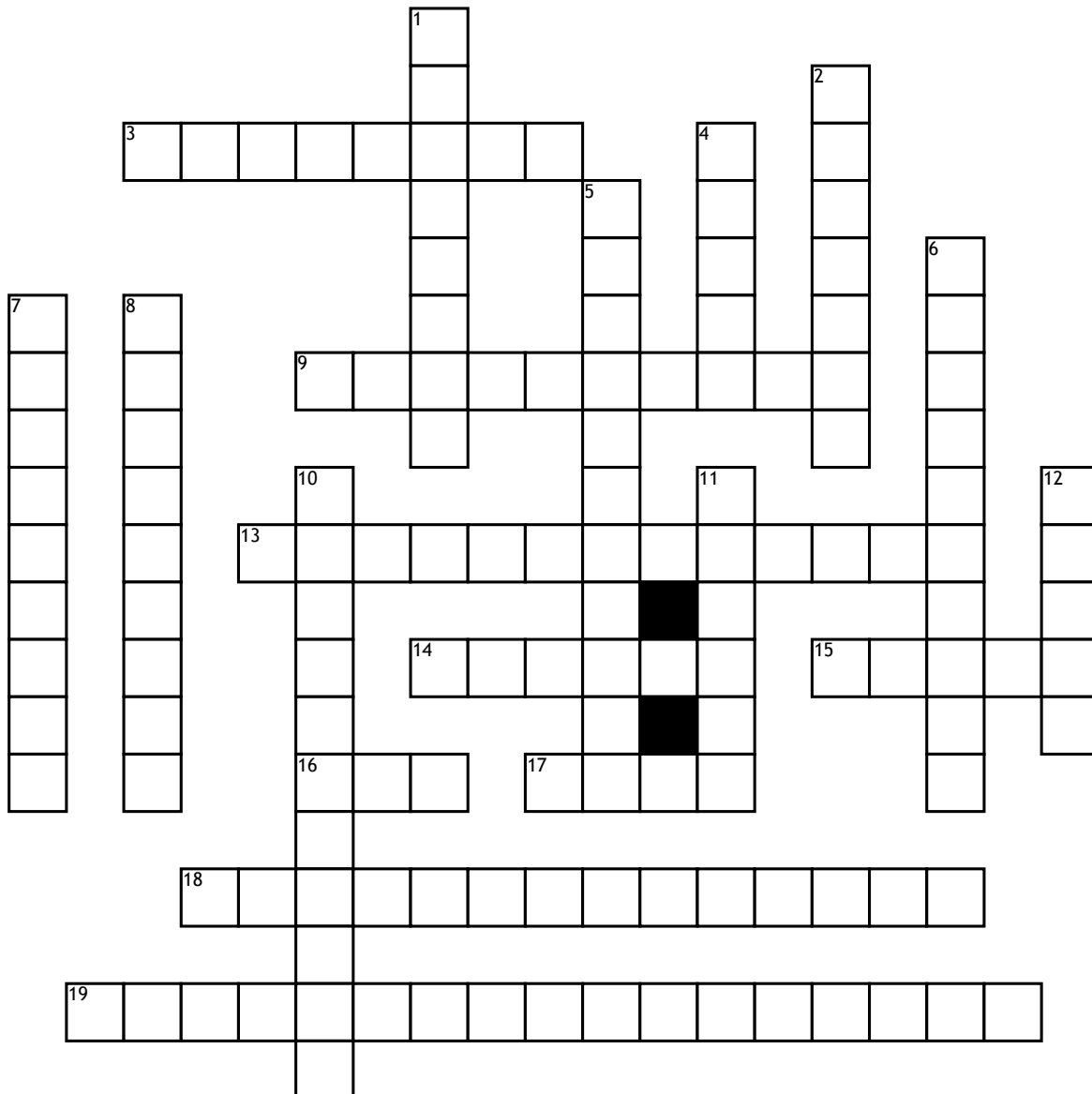


Earth and Sun vocabulary



Across

3. the straight-line distance through the center of an object, one side to the other side
9. a huge region beyond the gas giant planets, made up of different-sized icy chunks of matter
13. a group of stars in a pattern given a name by people
14. a large, round object orbiting a star
15. a mass of ice, rock, and gas orbiting the Sun
16. the star at the center of the solar system around which all of the solar system objects orbit

17. a huge sphere of hydrogen and helium gas that radiates heat and light

18. one of the four planets that are made of gas. These are Jupiter, Saturn, Uranus, and Neptune.

19. the four small, rocky planets closest to the Sun. These are Mercury, Venus, Earth, and Mars.

Down

1. a small, solid object that orbits the Sun

2. the force of attraction between masses

4. a push or pull that acts on an object or a system

5. a round object that orbits the Sun and does not orbit a planet

6. a scientist who studies objects in the universe, including stars, planets, and moons

7. an optical instrument that makes distant objects appear closer and larger

8. a group of seven bright stars in the shape of a dipper

10. the Sun and the eight planets and other objects that orbit the Sun

11. anything that has mass and takes up space

12. the third planet from the Sun