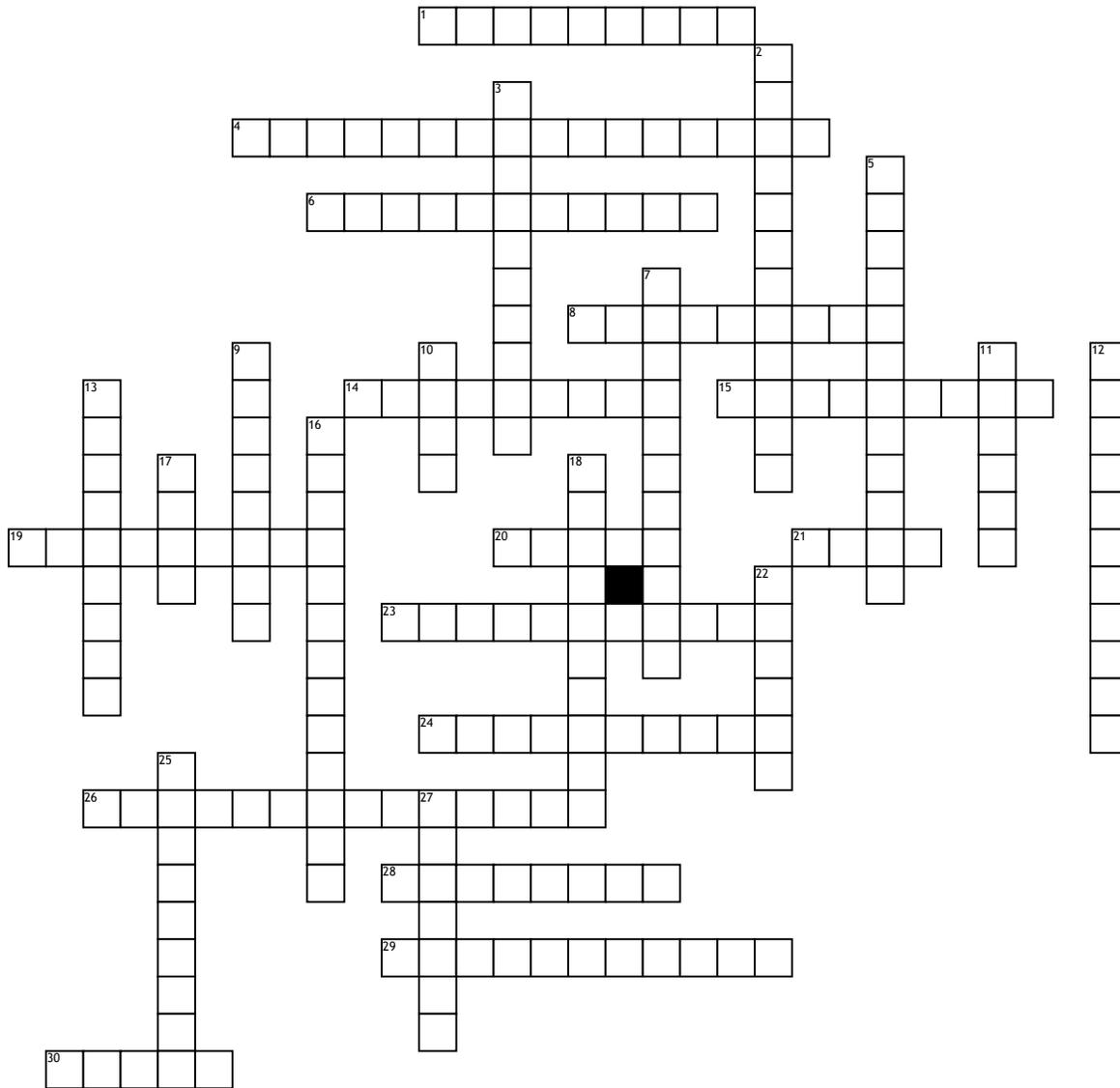


Solar System



Across

1. to transform a planet to resemble the Earth, so it can support human life
 4. heating of the atmosphere caused by trapping of solar radiation by gases such as carbon dioxide and methane
 6. a celestial body that orbits the Sun and is round or nearly round, but has not cleared its orbital pathway of other objects
 8. suitable for human life
 14. a natural or artificial (man-made) object in orbit around a celestial body
 15. the distance light travels in one year, about 6 trillion miles
 19. an optical instrument designed to make distant objects appear nearer
 20. a celestial object that travels around the Sun in a highly elliptical orbit, made of ice and dust with a gaseous tail
 21. a natural satellite of a planet
 23. relating to the Earth or solid land

24. an unmanned spacecraft with instruments designed to send information back to Earth
 26. the distance from a star where the temperature could be right for liquid water to exist
 28. the spiral galaxy that contains our Solar System
 29. a group of planets or celestial bodies that revolve around a sun
 30. a vehicle driven by remote control over rough extraterrestrial terrain
Down
 2. very weak gravity; weightlessness
 3. A region of icy celestial bodies orbiting the Sun beyond Neptune
 5. a large spacecraft orbiting Earth, where astronauts from many countries live and conduct scientific experiments
 7. a building built to contain an astronomical telescope
 9. a small rocky body orbiting the Sun, found between the orbits of Mars and Jupiter

10. a celestial body that produces radiant energy through the process of nuclear fusion
 11. a group of millions or billions of stars held together by gravity
 12. the combination of materials or elements that make up a whole
 13. a planet that orbits a star outside our Solar System
 16. any natural object outside the Earth's atmosphere
 17. National Aeronautics and Space Administration
 18. the layer of gases surrounding a celestial body
 22. a celestial body that orbits the Sun, is round, and has cleared its orbital pathway of other objects
 25. a region of space with such strong gravity that no matter or light can escape from it
 27. technology originally developed for mission needs that has become useful for the public