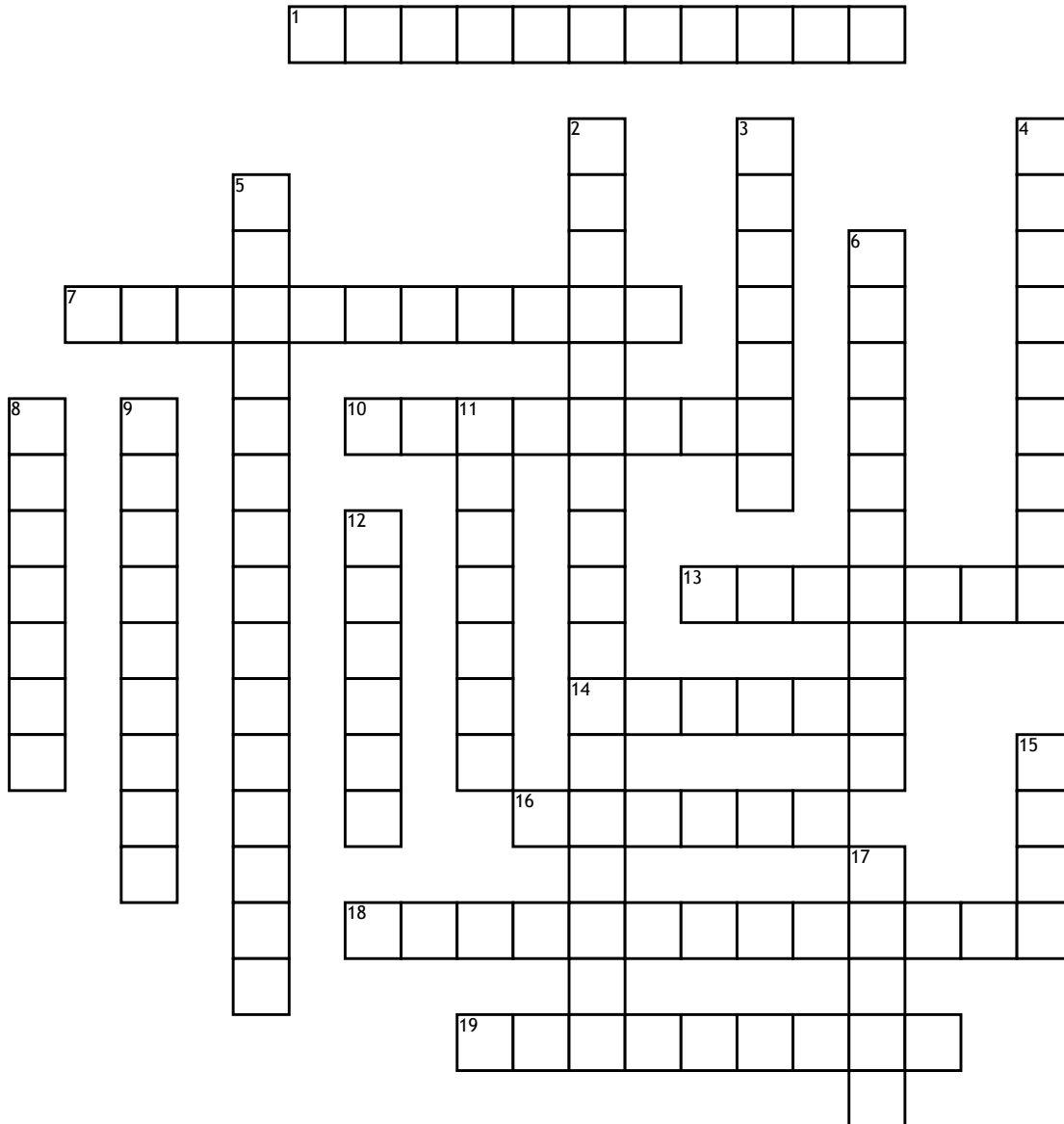


Earth, Moon, and Sun



Across

- 1. about how long passes between high tides
- 7. spring tide is the most difference between _____ high and low tides
- 10. bulge of water on the side of Earth closest to the moon
- 13. water flows toward high tides, halfway between them causing
- 14. Earth's gravity pulls the moon _____
- 16. found in Earth's atmosphere
- 18. pattern or group of stars

- 19. used to locate constellations

Down

- 2. keeps an object in orbit
- 3. gravity decreases to one fourth of its original value if the distance between two objects _____
- 4. rock from space that lands on Earth's surface
- 5. the force of gravity between two objects depends on _____ and _____
- 6. these occur in any month of the year

- 8. to resist change in motion
- 9. law of _____ gravitation states that every object in the universe attracts every other object
- 11. planet is large enough to have been rounded by
- 12. law that says an object at rest and an object in motion will remain that way unless acted on by outside force
- 15. Earth's only natural satellite
- 17. planet appear to move against the background of