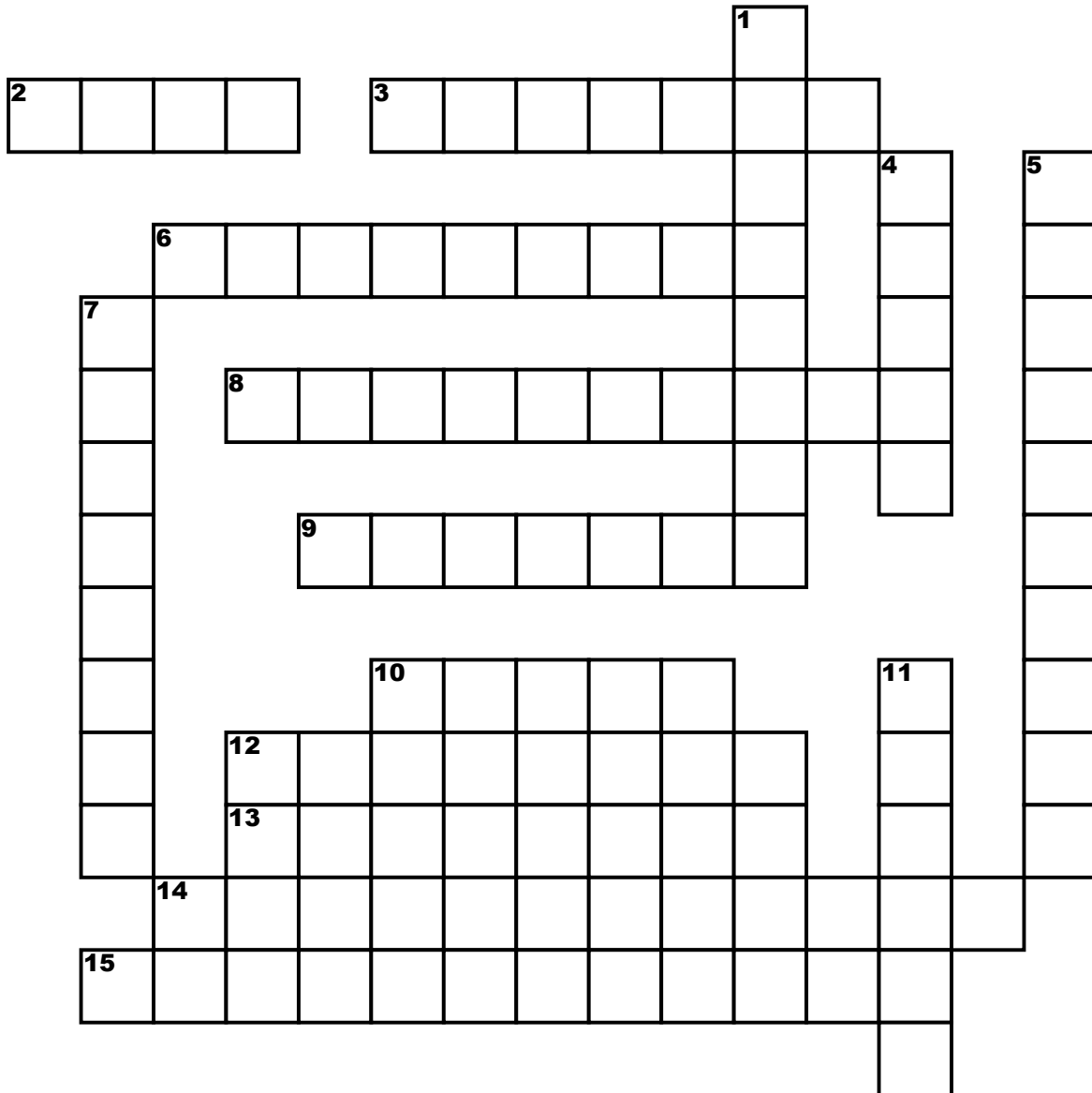


# The Sun, Moon, and Earth



**Across**

- 2. the imaginary line that passes through Earth's center and the North and South poles
- 3. "equal night"
- 6. A tide with the least difference between consecutive low and high tides.
- 8. Combined forces produce a tide with a greatest difference between consecutive low and high tides
- 9. when an object in space comes between the sun and a third object, it casts a shadow on that object

10. The very darkest part of the moon's shadow

- 12. A system of organizing time that defines the beginning, length, and divisions of a year
- 13. larger parts of the shadow
- 14. when the moon passes directly between Earth and the sun, blocking sunlight from Earth
- 15. A full moon when Earth is directly between the moon and the sun

**Down**

- 1. The day when the sun appears farthest north is the summer\_\_ in the Northern Hemisphere and the winter \_\_ in the southern hemisphere
- 4. The rise and fall of ocean water that occurs every 12.5 hours or so.
- 5. The movement of one object around another
- 7. The spinning of Earth on its axis
- 11. The different shapes of the moon you see form Earth