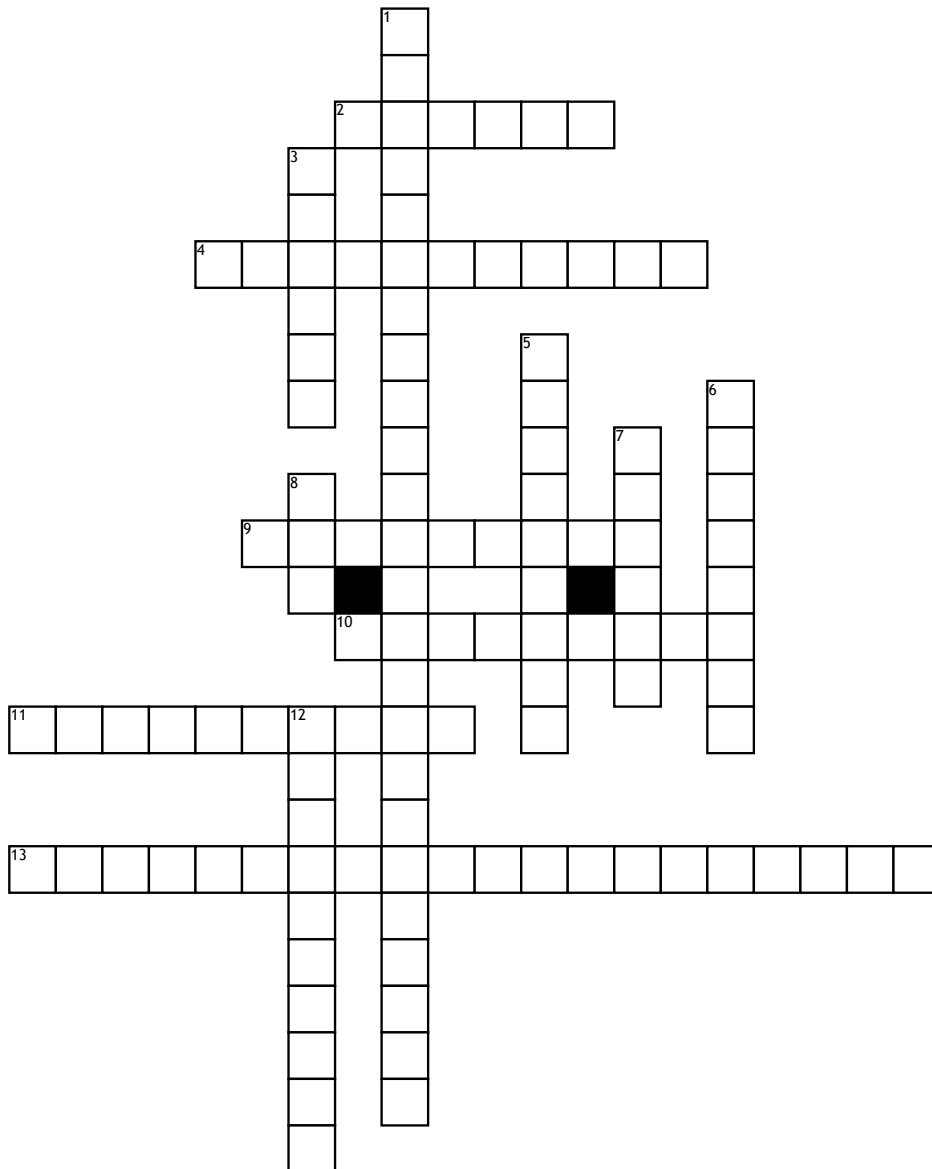


Topic 10 Solar System



Across

2. A large cloud of dust and gas in space
 4. the collection of eight planets and their moons in orbit around the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.
 9. the brilliant explosion of a dying supergiant star
 10. the distance light travels in one year

11. the blue-white hot core of a star that is left behind after its outer layers have expanded and drifted out into space
 13. 400-700 nm, the portion of the EM spectrum that is visible to the human eye

Down

1. The energy transferred through space by electromagnetic waves.
 3. a system of millions or billions of stars, together with gas and dust, held together by gravitational attraction.

5. A contracting cloud of gas and dust with enough mass to form a star
 6. All of space and everything in it
 7. a celestial body moving in an elliptical orbit around a star.
 8. The star at the center of our solar system
 12. Horizontal distance between the crests or between the troughs of two adjacent waves