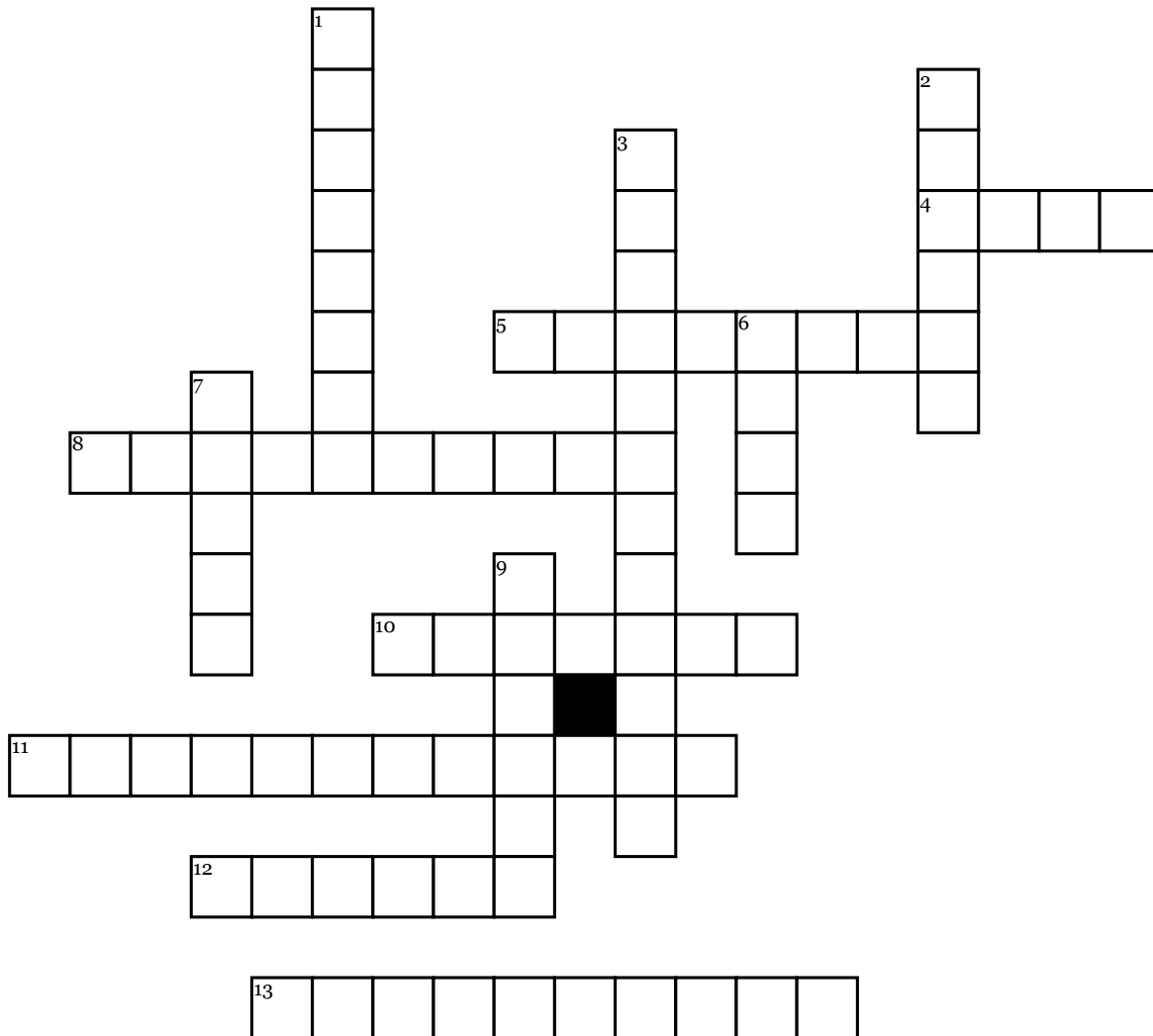


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Across

4. is a imaginary line that passes through Earths center and its North and South Poles.

5. are tides with minimum daily tidal range that occur during the first and third quarters of the moon.

8. are tides with maximum daily tidal range that occur during the new and full moons.

10. the force that pulls all objects in the universe toward one another.

11. is an event in which the shadow of the moon falls on the Earths surface.

12. describes phases following a new moon, as more of the Moon's lighted side becomes visible

13. is the elliptical motion of a body as it orbits another body in space.

Down

1. is the spinning motion of a body on its axis.

2. the different appearances of the moon due to varying amounts of sunlight on the side of the moon that faces the Earth; results from the changing relative positions of the moon,earth,and the sun.

3. is an event in which the shadow of the Earth falls on the moon.

6. is the daily movement of ocean water that change the level of the ocean's surface.

7. is the elliptical path a body takesas it travels around another body in space; the motion itself.

9. describes phases that occur after a full moon, as the visible lighted side of the moon grows smaller.