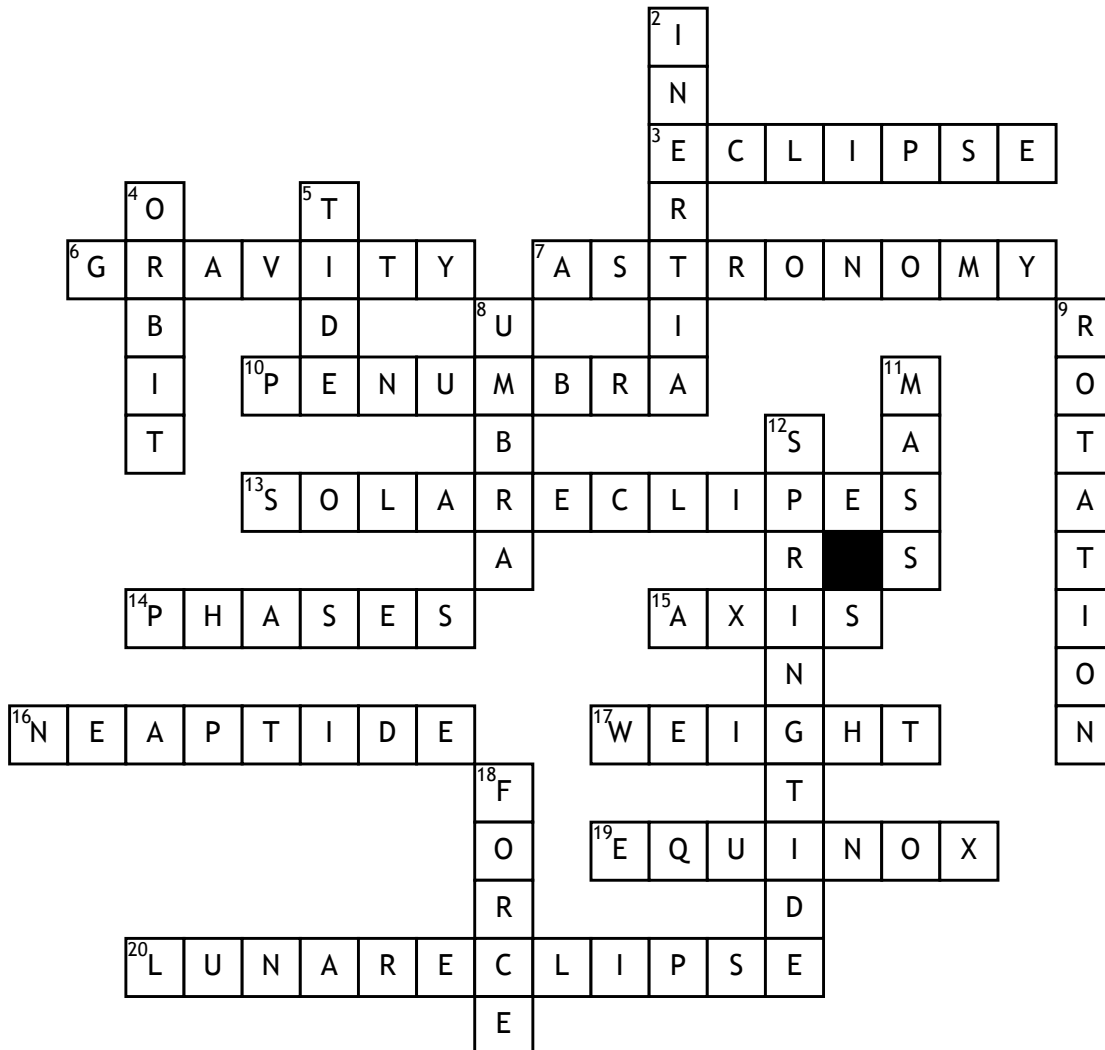


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1. The two days of the year on which the sun is at its greatest distance.

6. A force that pulls rocks and other materials and attracts objects together.

10. Partially shaded outer region of the darkest part of the shadow.

13. The blocking of sunlight that occurs when the moon is in between the Earth and the sun.

15. An imaginary line between the North and South poles.

16. A tide with the least difference between a low and high tide that occurs when the sun and the moon pull with right angles at each other at the first and third quarters.

19. The partial or total blocking of an object by another in space

20. The blocking of sunlight that occurs when the Earth is directly in front of the moon.

2. The tendency of an object to resist change of motion.

5. A rise and fall of the ocean due to the moons gravity.

9. The spinning motion of a planet in its axis.

12. A tide with the greatest distance between a low and high tide.

18. A push or pull exerted on an object.