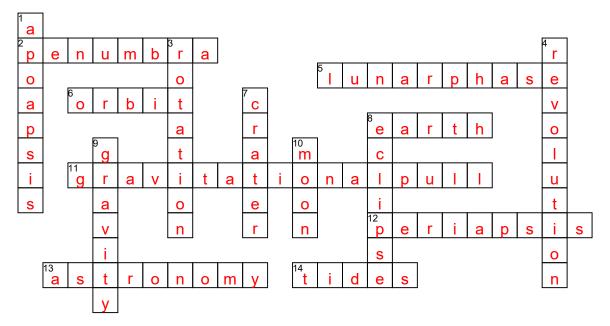
Earth Moon Crossword Puzzle

1. Using the Across and Down clues, write the correct answer in the numbered grid below.



ACROSS

- 2. The outer, lighter part of the shadow cast during an eclipse, where the light from the Sun or Moon is only partially blocked.
- 5. The changing appearance of the Moon as viewed from Earth during its orbit, including phases like the new moon, first quarter, full moon, and last quarter.
- 6. The curved path that a celestial object, such as a moon or planet, follows around a larger celestial body due to gravity.
- 8. The third planet from the Sun in our solar system, known as the "Blue Planet" due to its abundant water and atmosphere.
- 11. The force of attraction that pulls objects toward each other due to their mass and distance apart.
- 12. The point in the Moon's orbit that is closest to Earth.
- 13. The scientific study of celestial objects, including stars, planets, moons, and galaxies.
- 14. The regular rising and falling of Earth's oceans and other bodies of water caused by the gravitational pull of the Moon and the Sun.

DOWN

- 1. The point in the Moon's orbit that is farthest from Earth.
- 3. The spinning of a celestial object, like the Earth or Moon, on its axis, which determines day and night.
- 4. The motion of a celestial object, such as the Moon, as it travels in an elliptical path around another object, like Earth.
- A large, bowl-shaped depression on the surface of the Moon formed by the impact of meteoroids or asteroids.
- 8. An astronomical event that occurs when one celestial object, like the Moon, passes into the shadow of another, such as the Earth, causing a temporary darkening or blocking of light.
- 9. The force that attracts two objects with mass towards each other, responsible for keeping the Moon in orbit around Earth.
- 10. Earth's natural satellite which orbits our planet.

| apoapsis | orbit | lunar phase | gravity |
|----------|-----------|-------------|--------------------|
| eclipse | penumbra | astronomy | tides |
| Moon | periapsis | revolution | gravitational pull |
| rotation | crater | Earth | |