

Name _____

Moon Marvels: Our Closest Celestial Companion

Short Answer

1. Explain the concept of synchronous rotation and provide an example of a moon that exhibits this behavior.
2. Name one astronomical phenomenon that can be attributed to moon phases and briefly describe how it occurs.
3. What role does Earth's moon play in influencing tides on our planet?
4. How do the sizes of moons in our solar system vary, and why is this variation significant?
5. Provide an example of a moon in our solar system that has been explored by both human and robotic missions and describe its significance.

