

Name _____

The Moon's Magical Influence: How it Affects Earth's Tides

Short Answer

1. Explain how the Moon's gravitational pull creates two high tides on Earth.
2. What factors can influence the exact timing and height of tides, leading to variations in tidal patterns?
3. Describe one way in which tides impact marine life and ecosystems.
4. Provide an example of a human activity or industry that relies on the predictable nature of tides.
5. How do tidal energy systems harness the power of tides for electricity generation?

