

Practice Problem 1: Earth and Our Universe

1. State and explain the law of gravitation.
2. What are tides? Discuss the causes of the occurrence of tides.
3. We understand that our solar system is not only limited to the Sun and its eight planets, but it extends way beyond it. Draw a diagram to represent a complete picture of our solar system.
4. We know that gravitational force is present between any two bodies in the universe. But when we stand near a rock, we are not pulled by the rock. Explain why?
5. What are the uses/functions of artificial satellites?