



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. What happens to the gravitational force if one of the masses is tripled?

- A. It triples
- B. It remains the same
- C. It doubles
- D. It increases by a factor of nine

Solution: If one of the masses is tripled, the gravitational force also triples, as F is directly proportional to the product of the masses.

Q2. What is the relationship between gravitational force and distance?

- A. Directly proportional
- B. Inversely proportional
- C. Exponential
- D. Linear

Solution: Gravitational force is inversely proportional to the square of the distance between the centers of the two masses.



