

Intro to Physics: Practice Worksheet

Multiple Choice Questions

1. What is the unit of force in the International System of Units (SI)?
 - A) Newton
 - B) Joule
 - C) Pascal
 - D) Watt
2. Which law states that every action has an equal and opposite reaction?
 - A) First Law of Motion
 - B) Second Law of Motion
 - C) Third Law of Motion
 - D) Law of Conservation of Energy

Short Answer Questions

3. Define velocity.
4. Explain the difference between speed and velocity.

Problem Solving

5. A car accelerates from 0 to 60 km/h in 5 seconds. What is its acceleration?
6. Calculate the gravitational force between two 1 kg masses that are 1 meter apart.