

Question Paper

Topic 1: Mechanics

Q1. What is the unit of measurement for speed?

Meters

Liters

Kilograms

Meters per second

Answer: Meters per second

Explanation: Speed is measured in distance units per time unit, such as meters per second.

Q2. What is the formula to calculate speed?

Distance = Speed x Time

Speed = Distance / Time

Time = Distance / Speed

Speed = Distance x Time

Answer: Speed = Distance / Time

Explanation: Speed is calculated by dividing the distance traveled by the time taken to cover that distance.