

Question Paper

Topic 1: Mechanics

Q1. What is the unit of measurement for speed?

Meters

Kilograms

Meters per second

Newton

Answer: Meters per second

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

Q2. What is the formula to calculate speed?

Distance = Speed x Time

Speed = Distance / Time

Time = Distance x Speed

Distance = Time / Speed

Answer: Speed = Distance / Time

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