

Pre-test

This test is designed to assess students' basic knowledge and intuition before introducing the main material.

1. Give the definition of **uniform rectilinear motion**.
2. What does it mean when a car's speed is **0.5 m/s**?
3. Draw an example graph of the distance travelled by a vehicle moving at a constant speed.
4. State the formula used to describe speed.
5. Explain the meaning of the terms: **distance** ("S") and **speed** ("V").
6. What is the unit of speed in the SI system (International System of Units)?

Does a train travelling at a constant speed along a curve (bend) move in a uniform rectilinear
7. motion?
Justify your answer.

8. If the movement time is 2 seconds and the distance travelled is 10 metres, what is the average speed of the moving object?

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