

# Displacement

## Module: Kinematics

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### Overview

Vector quantity representing change in position

### Core Ideas

- Define the concept in your own words.
- Identify the key variables and relationships.
- Connect the concept to the module inquiry question.

### Key Formulas

- Displacement (1):

$$s = ut + \frac{1}{2}at^2$$

### Exam Focus

- Expect both multiple choice and short answer questions.
- Show working and use correct units.

## **Related Concepts**

- Review the linked module section for context and extensions.