GIVEN OR ASSUMED? PRACTISE BOTH.

There is no separate official formula booklet. Use the relationship in the stem and keep core science fluent.

GIVEN IN THE STEM

Unfamiliar model

Read the equation as part of the stimulus.

Name each symbol and unit. Mark the unknown. Spot what stays constant, then rearrange.

Do not import a meaning for a symbol that the stem defines differently.

MAY BE ASSUMED

Core relationships

Year 12 relationships such as F = ma, P = F/A, v = d/t and W = Fd may not be restated.

Keep reading, rearranging and applying them until they are fluent.

This is not a guaranteed list of what any exam will print.

The bridge: read, rearrange, check

Units and prefixes • graph shapes • proportionality • mixed biology/chemistry/physics stems

Mixed science

A constant or equation may be given inside biology or chemistry. Still check units and graphs.

Visual relationships

A graph or table may express the relationship without a separate algebraic formula.

Source distinction: the mapped page's given-versus-assumed table, not an ACER promise that every unfamiliar equation is supplied. Check current ACER rules; study notes are not test-day reference material.