

OCR Formula Book

OCR students should print this document and have it to hand to answer the questions. In an exam, these formula would normally be provided within the question.

Formulae:

Area of a trapezium = $\frac{1}{2}(a+b)h$, where a and b are the lengths of the top and the base,
and h is the perpendicular height

Volume of a prism = length \times area of cross-section

$P(A \text{ and } B) = P(A \text{ given } B) \times P(B)$, where

$P(A)$ is the probability of outcome A

$P(B)$ is the probability of outcome B