

**Paper Reference 4MA1/1FR  
Pearson Edexcel  
International GCSE**

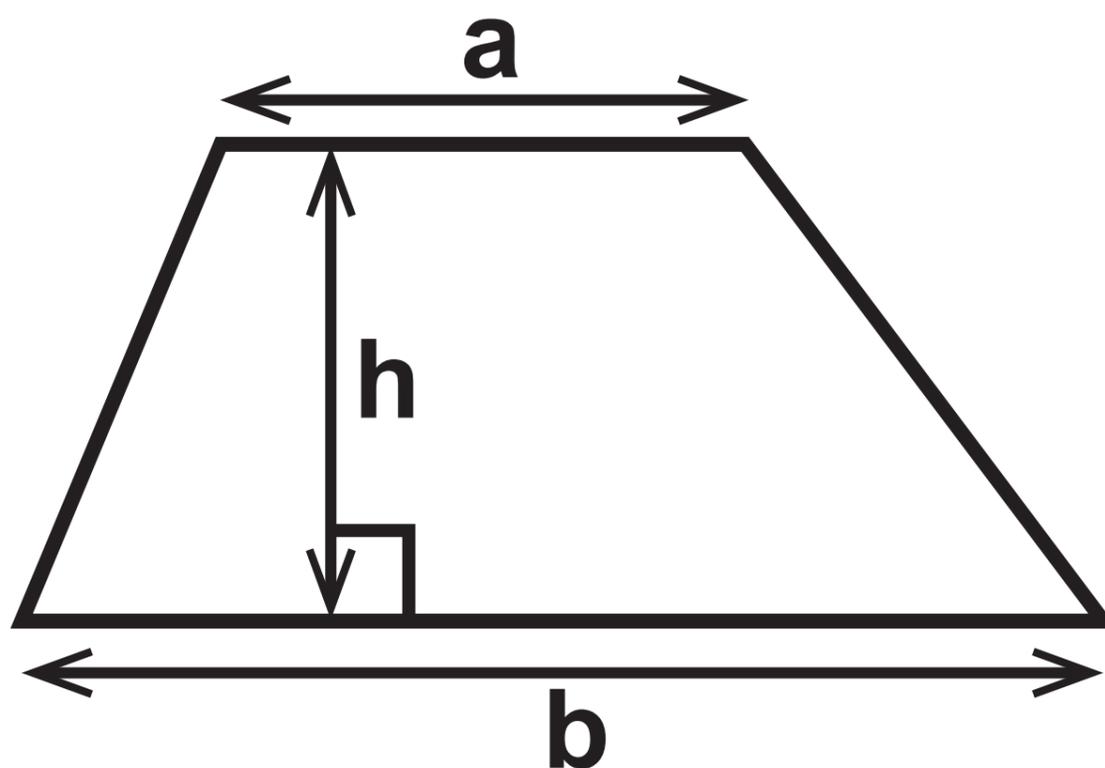
**Mathematics A  
PAPER 1FR  
Foundation Tier  
(Calculator)**

**Formulae Pages**

**DO NOT RETURN THIS  
FORMULAE BOOKLET WITH  
THE QUESTION PAPER.**

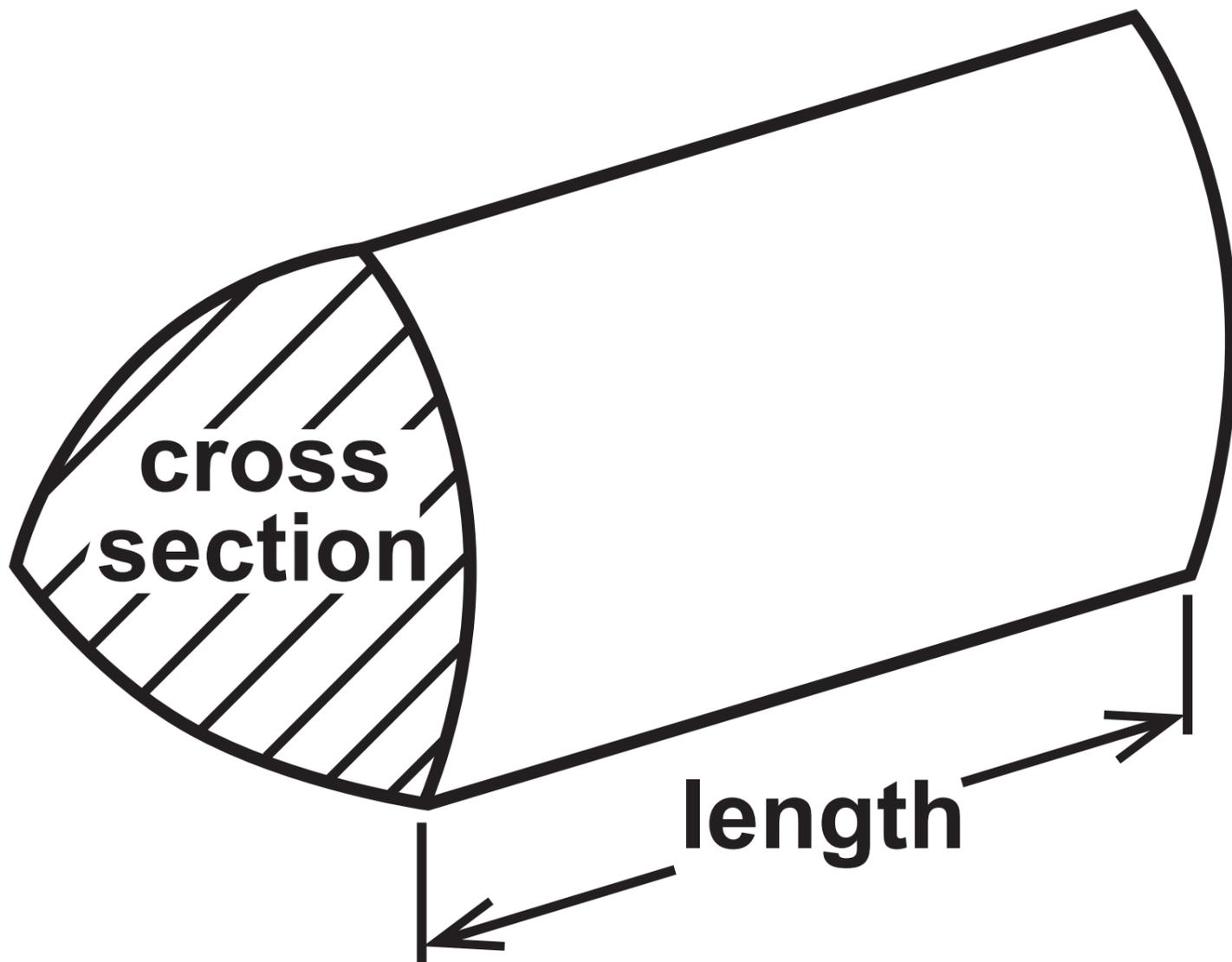
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**Area of trapezium =  $\frac{1}{2} (a + b) h$**



# Volume of prism

= area of cross section  $\times$  length



Turn over

**Volume of cylinder =  $\pi r^2 h$**

**Curved surface area of  
cylinder =  $2\pi r h$**

