

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

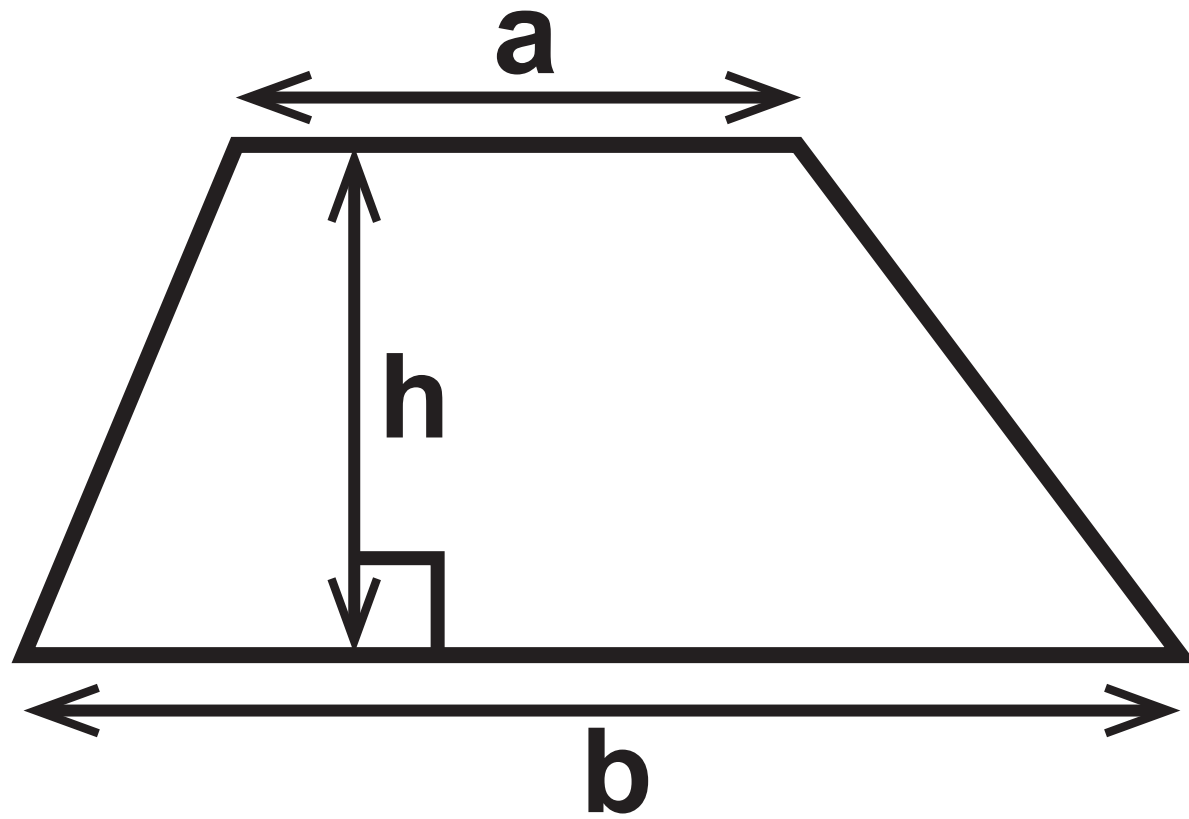
**Mathematics A**  
**PAPER 1FR**  
**Foundation Tier**  
**(Calculator)**

**Formulae Pages**

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

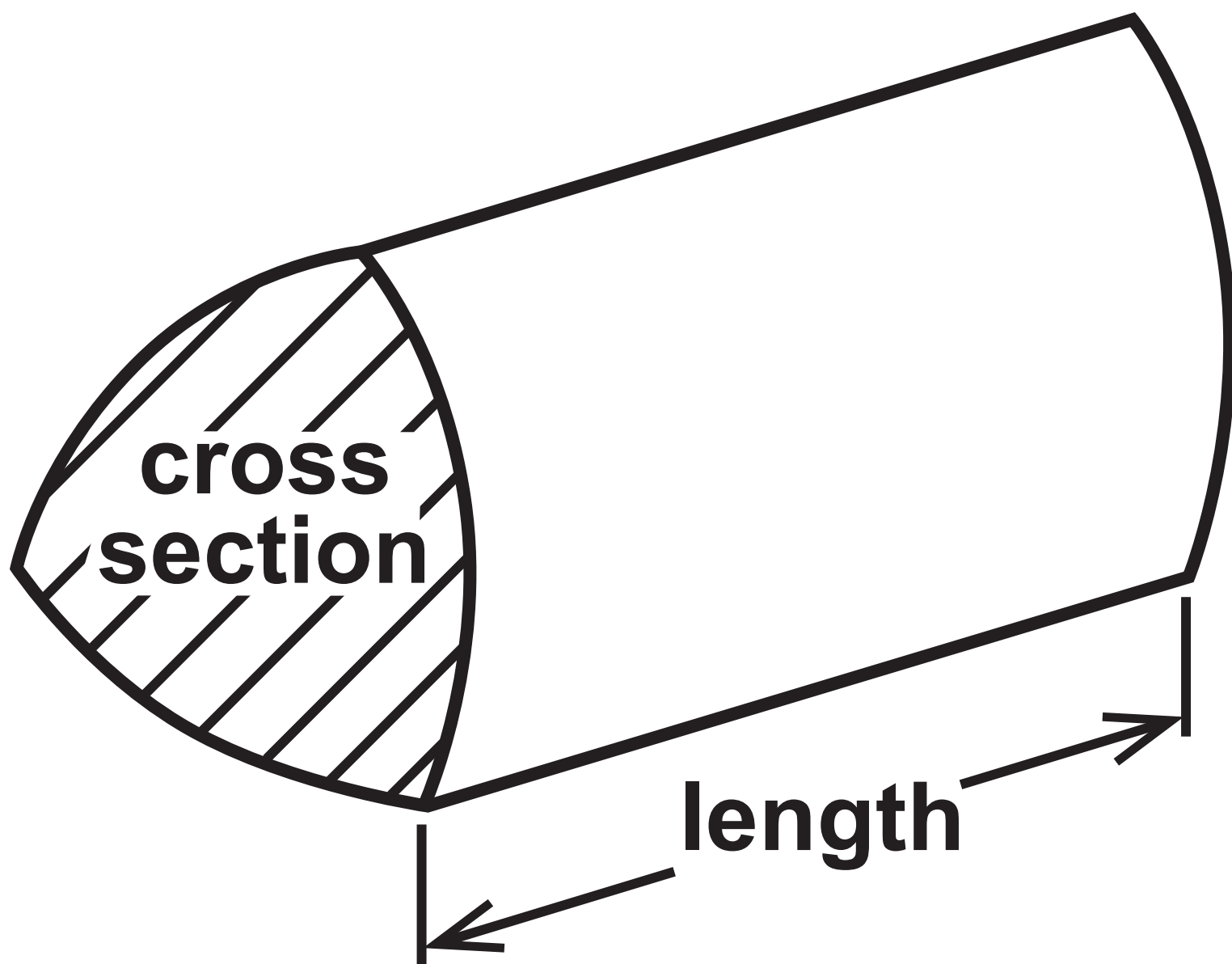
**V68726A**

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



# Volume of prism

= area of cross section  $\times$  length



Turn over

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

**Curved surface area of  
cylinder =  $2\pi rh$**

