

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

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

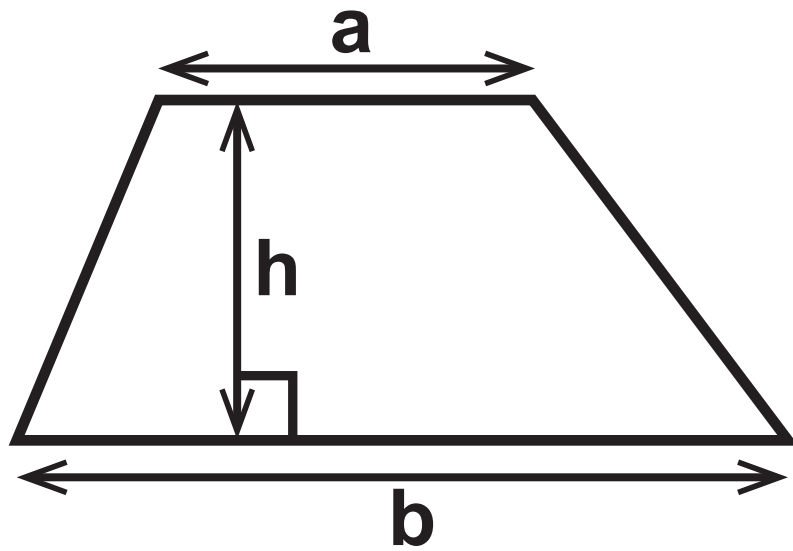
**Wednesday 8 November 2023 – Morning**

**Formulae Pages**

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

**Y73463A**

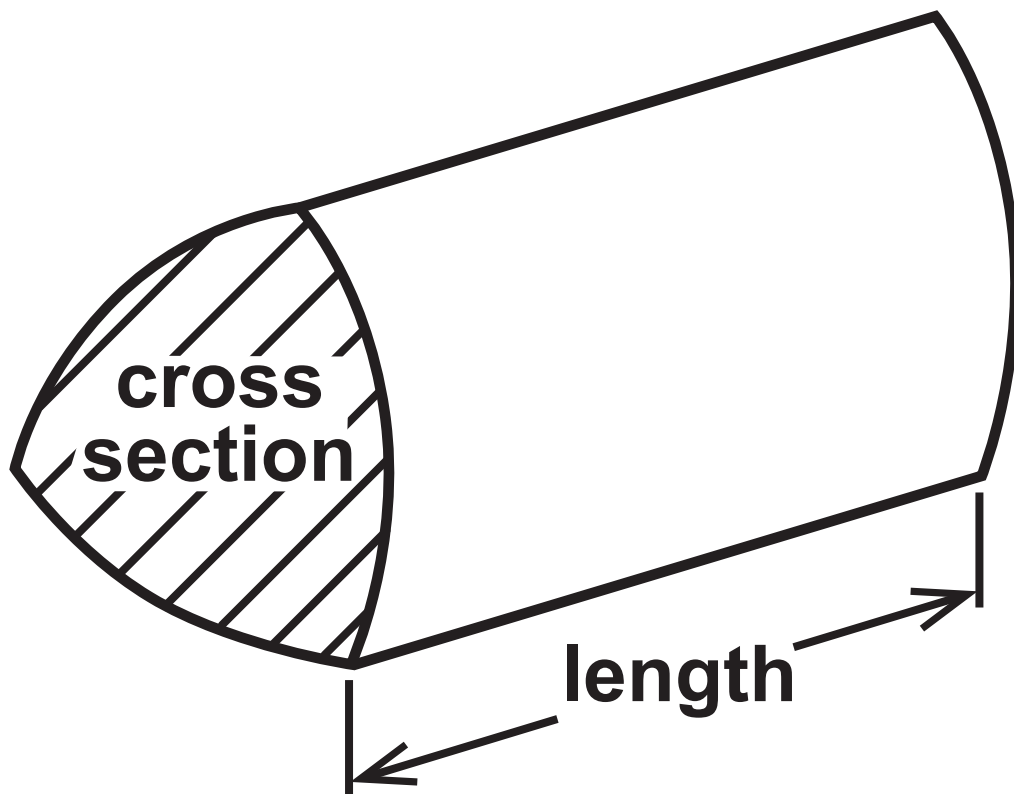
$$\text{Area of trapezium} = \frac{1}{2} (a + b) h$$



Turn over

## Volume of prism

= area of cross section  $\times$  length



Turn over

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

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

