

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

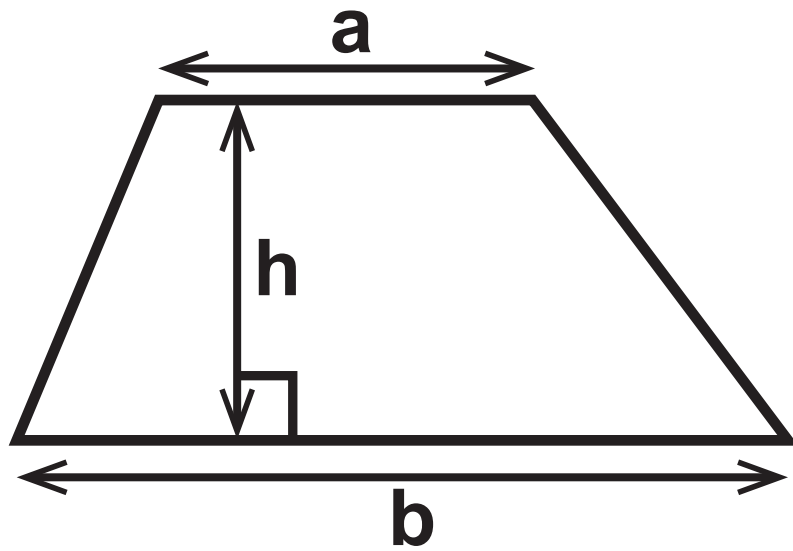
**Mathematics A**  
**Paper 1F**  
**(Calculator)**  
**Foundation Tier**

**Tuesday 7 January 2020 – Morning**

**Formulae Pages**

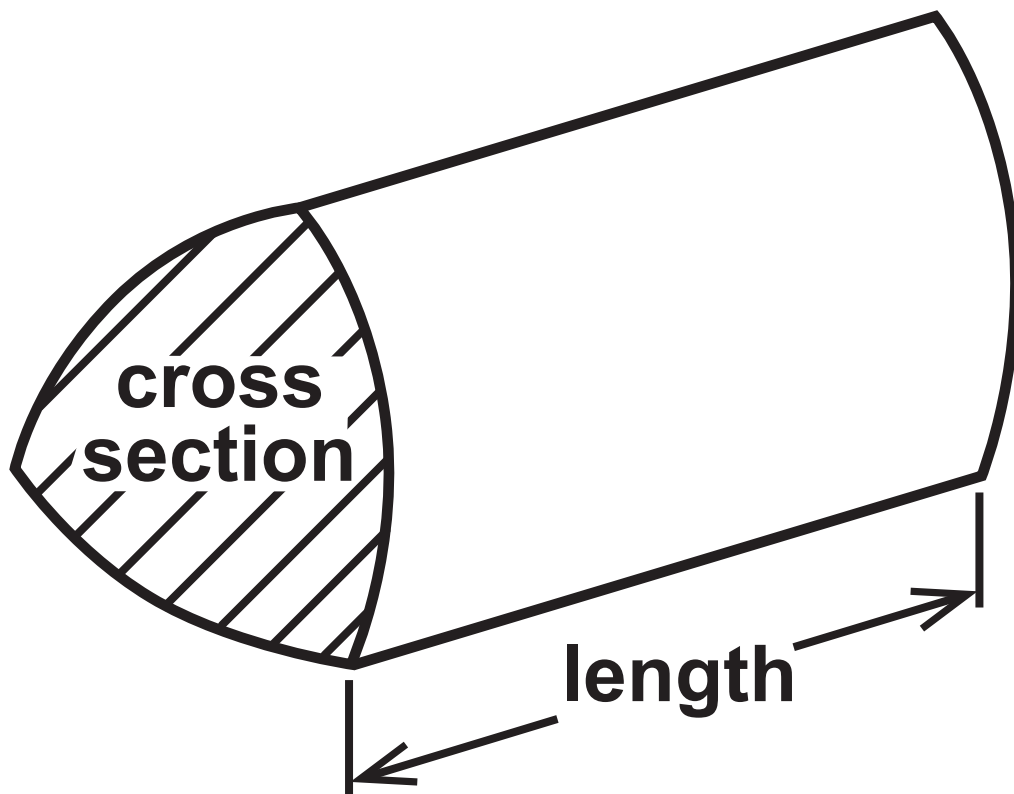
**Y59752A**

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



# Volume of prism

= area of cross section  $\times$  length



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

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

