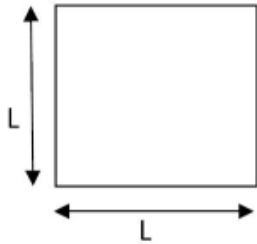
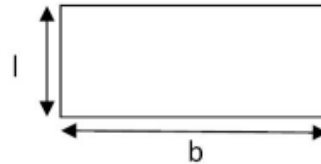


Past Papers Worksheet    Area and Perimeter    IGCSE Mathematics 0580  
(Formulas)

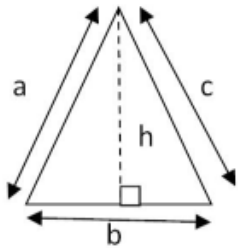
Prerequisite formulas



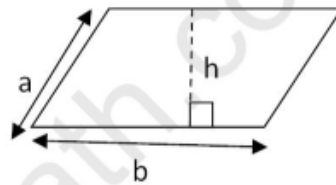
Area =  $L^2$   
Perimeter = sum of all sides =  $4L$



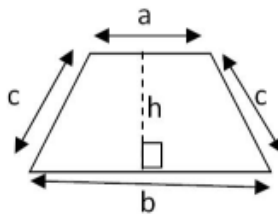
Area =  $l \times b$   
Perimeter = sum of all sides =  $2l + 2b$



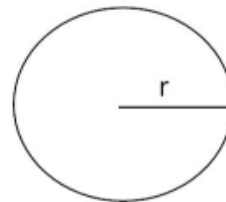
Area =  $\frac{1}{2} \times b \times h$   
Perimeter = sum of all sides =  $a + b + c$



Area =  $b \times h$   
Perimeter = sum of all sides =  $2a + 2b$



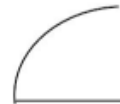
Area =  $\frac{1}{2} \times h \times (\text{sum of parallel sides}) = \frac{1}{2} \times h \times (a + b)$   
Perimeter = sum of all sides =  $a + c + b + c$



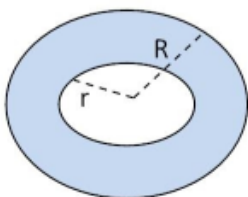
Area =  $\pi r^2$   
Perimeter =  $2\pi r$



Area =  $\frac{\pi r^2}{2}$   
Perimeter =  $\frac{2\pi r}{2} + 2r$



Area =  $\frac{\pi r^2}{4}$   
Perimeter =  $\frac{2\pi r}{4} + 2r$



Area =  $\pi R^2 - \pi r^2$   
Perimeter = sum of all sides =  $2\pi R + 2\pi r$