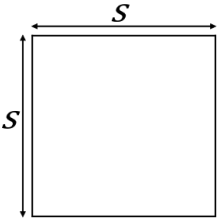


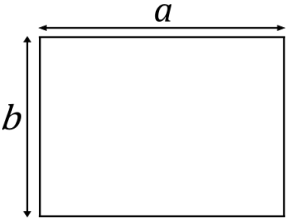
SQUARE

$P = 4s$
 $A = s^2$



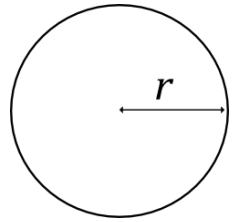
RECTANGLE

$P = 2a + 2b$
 $A = ab$



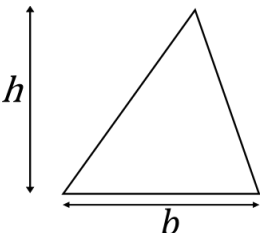
CIRCLE

$P = 2\pi r$
 $A = \pi r^2$



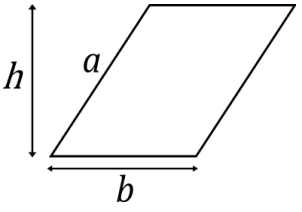
TRIANGLE

$P = a + b + c$
 $A = \frac{1}{2}bh$



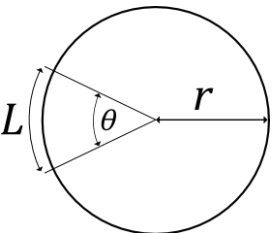
PARALLELOGRAM

$P = 2a + 2b$
 $A = bh$



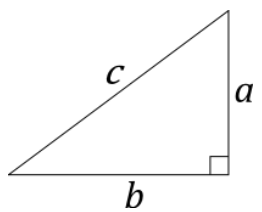
CIRCULAR SECTOR

$L = \pi r \frac{\theta}{180^\circ}$
 $A = \pi r^2 \frac{\theta}{360^\circ}$



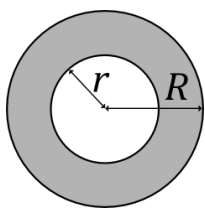
PYTHAGOREAN THEOREM

$a^2 + b^2 = c^2$
 $c = \sqrt{a^2 + b^2}$



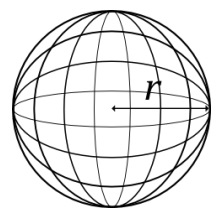
CIRCULAR RING

$A = \pi(R^2 - r^2)$



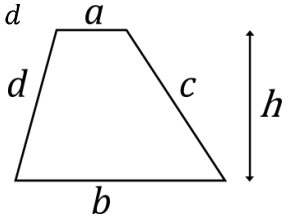
SPHERE

$S = 4\pi r^2$
 $V = \frac{4\pi r^3}{3}$



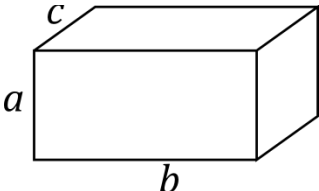
TRAPEZOID

$P = a + b + c + d$
 $A = h \frac{a+b}{2}$



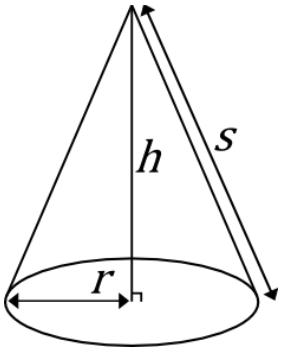
RECTANGULAR BOX

$A = 2ab + 2ac + 2bc$
 $V = abc$

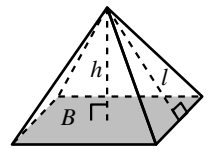


RIGHT CIRCULAR CONE

$A = \pi r^2 + \pi r s$
 $s = \sqrt{r^2 + h^2}$
 $V = \frac{1}{3} \pi r^2 h$

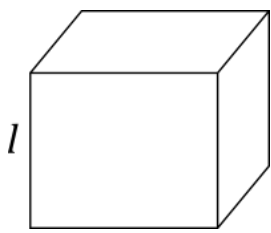


$V = \frac{1}{3} B h$
 $L.A. = \frac{1}{2} l p$
 $S.A. = L.A. + B$



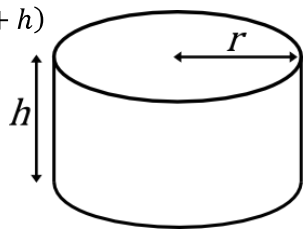
CUBE

$A = 6l^2$
 $V = l^3$



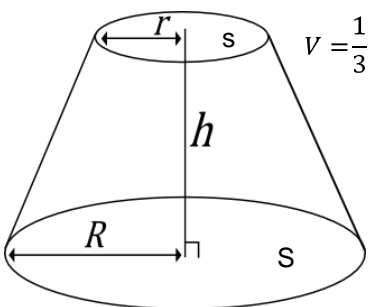
CYLINDER

$A = 2\pi r(r + h)$
 $V = \pi r^2 h$



FRUSTUM OF A CONE

$V = \frac{1}{3} \pi h (r^2 + rR + R^2) = \frac{1}{3} h (S^2 + s^2 + \sqrt{Ss})$



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REGULAR POLYGON OF n SIDES

central angle: $\frac{2\pi}{n}$
 $A = \frac{1}{4} n a^2 \cot \frac{\pi}{n}$
 $P = n a$

