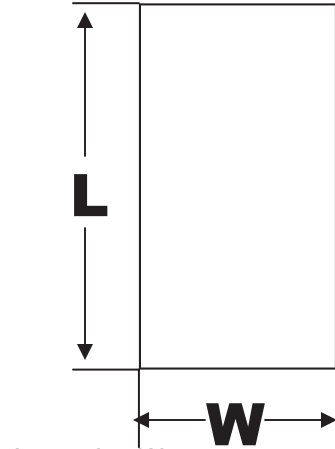


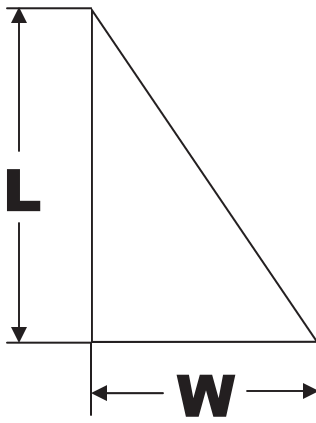
TABLES & CONVERSIONS

RECTANGLE



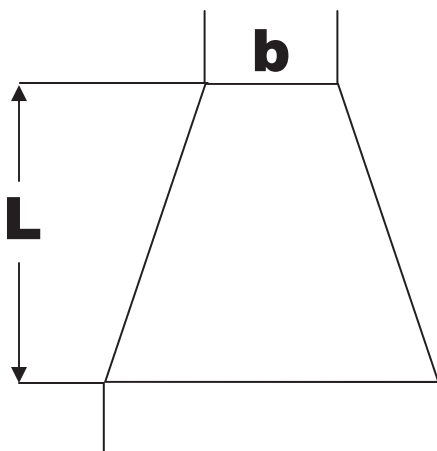
Area = $L \times W$
Diagonal = $\sqrt{L^2 + W^2}$

TRIANGLE



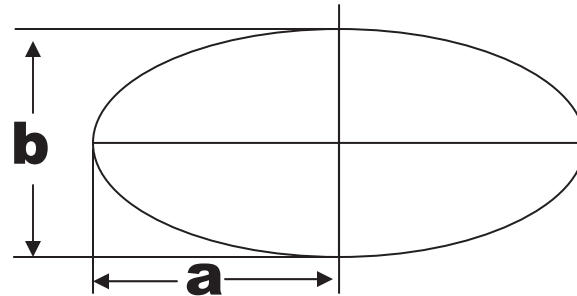
Area = $W \times L \times 1/2$

TRAPEZOID



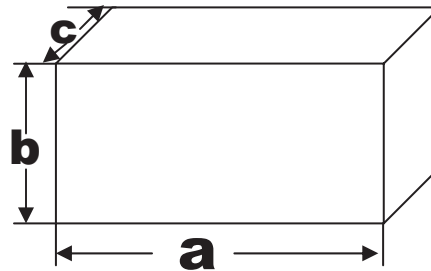
Area = $L \times 1/2(b+W)$

ELLIPSE



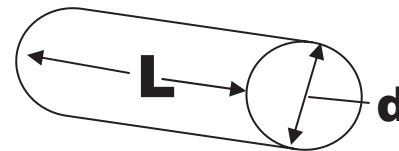
Area = $a \times b \times 3.14$

BOX



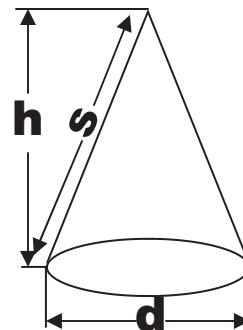
Area of surface = $a \times (a \times b) + 2 \times (a \times c) + 2 \times (b \times c)$
Volume = $a \times b \times c$

CYLINDER



Area of Curved Surface = $L \times d \times 3.1416$
Volume = $d^2 \times L \times .7854$

CONE



Area of Curved Surface = $d \times s \times 1.5708$
Volume = $d^2 \times h \times .2618$ or
Area = $\pi/2 \times d \times \sqrt{.25(d^2) + h^2}$