GEOMETRIC FORMULAS

Rectangle

$A = lw$ $P = 2l + 2w$
$= 2(l + w)$
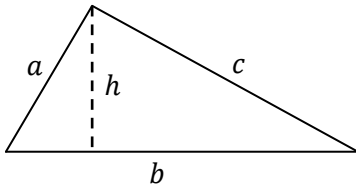
l

w

Square

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

s
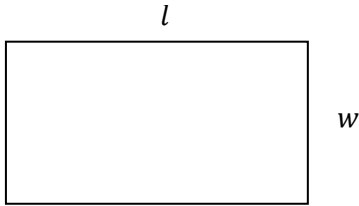
s
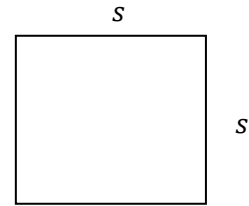
Triangle

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

a c
h
b

Right Triangle

Pythagorean Theorem: $a^2 + b^2 = c^2$

a c
b
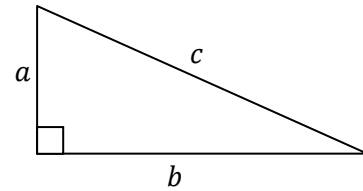
Parallelogram

$A = bh$

h
b

Trapezoid

$A = \frac{1}{2}(a + b)h$

a
h
b
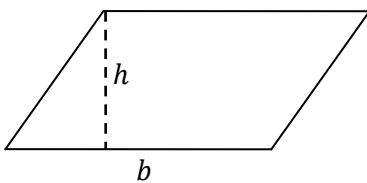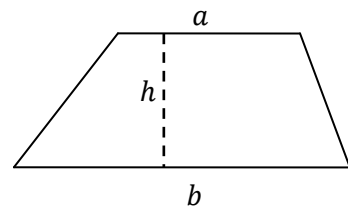
Circle

$d = 2r$ and $r = \frac{d}{2}$

$A = \pi r^2 = \pi (\frac{d}{2})^2$

$C = 2\pi r = \pi d$

r
d