

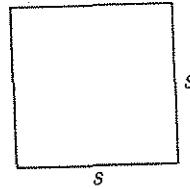
2D GEOMETRY FORMULAS

SQUARE

s = side

Area: $A = s^2$

Perimeter: $P = 4s$

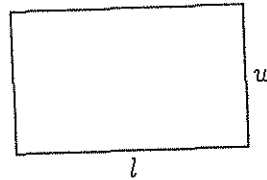


RECTANGLE

l = length, w = width

Area: $A = lw$

Perimeter: $P = 2l + 2w$

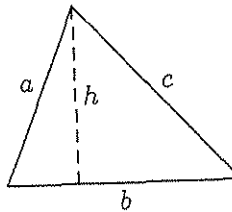


TRIANGLE

b = base, h = height

Area: $A = \frac{1}{2}bh$

Perimeter: $P = a + b + c$

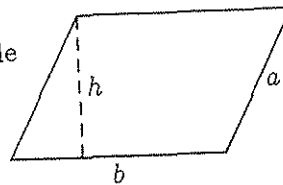


PARALLELOGRAM

b = base, h = height, a = side

Area: $A = bh$

Perimeter: $P = 2a + 2b$



TRAPEZOID

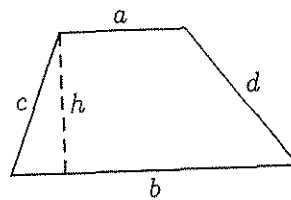
a, b = bases; h = height;

c, d = sides

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

Perimeter:

$P = a + b + c + d$



CIRCLE

r = radius, d = diameter

Diameter: $d = 2r$

Area: $A = \pi r^2$

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

