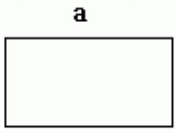
AREA OF SHAPES:

Square

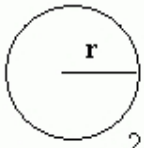
Area = a^2

Rectangle



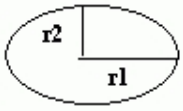
Area = a x b

Circle



Area = πr^2

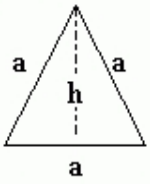
Ellipse



Area = πx r1 x r2

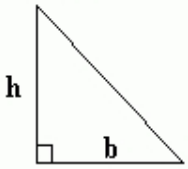
π = 22/7

Equilateral Triangle



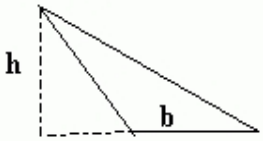
Area=$\sqrt{3}/4 \times a^2$

Right Angle Triangle



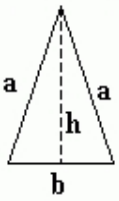
Area=1/2 (b x h)

Obtuse Angle Triangle



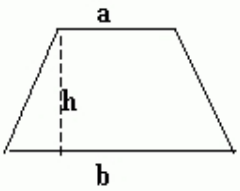
Area=1/2 (b x h)

Isosceles Triangle



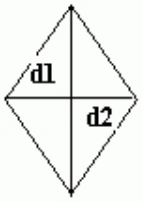
Area=1/2 (b x h)
= 1/2 x a x b sin c

Trapezoid



Area=1/2h (a x b)

Rhombus

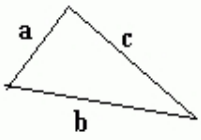


Area=1/2 x d1 x d2

Parallelogram

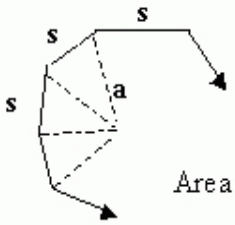
Area = b x h

Scalene Triangle: length a,b,c



Area=$\sqrt{s(s-a)(s-b)(s-c)}$
Where $s = \frac{(a+b+c)}{2}$

Regular N-gon



n = number of sides
a = length from center to corner

Area = $(1/2)n \sin(360/n)a^2$