## Cheatography

# Math Cheat Sheet 2D Shapes (Area Formulas) Cheat Sheet by Cheat via cheatography.com/128959/cs/25390/

Rectangle	Semi-Circle		
A = I x w	$A = 0.5 \times (\pi \times r^2)$		
A = Area	A = Area		
I = length	r = radius		
w = width (or base)			
	PythagorasTheorem		
Square	$c^2 = b^2 + a^2$		
$A=I^2$	$C = \sqrt{C^2}$		
A = Area	c = hypotenuse		
I = length a = leg 1			
	$a^2 = c^2 - b^2$		
Circle	$a = \sqrt{a^2}$		
$A = \pi r^2$	b = leg 2		
A = Area	$b^2 = c^2 - a^2$		
r = radius	$b = \sqrt{b^2}$		

Triangle
$A = h \times b \div 2$
A = Area
h = height
b = base

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