Plane Figures:
Formulas for Perimeter and Area

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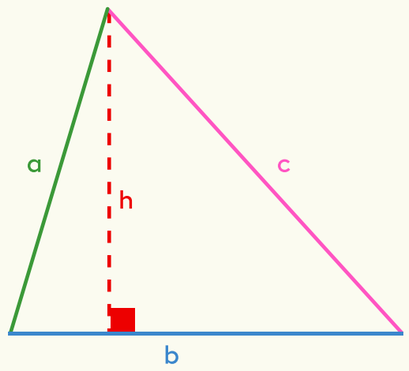
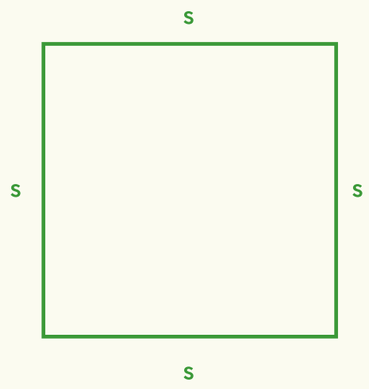
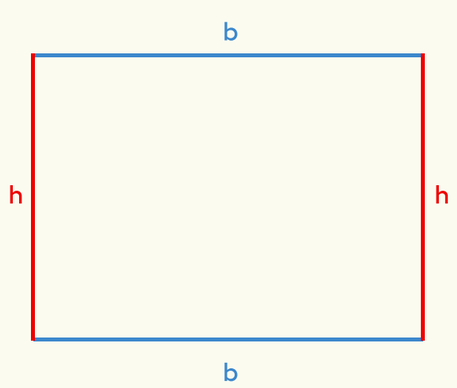
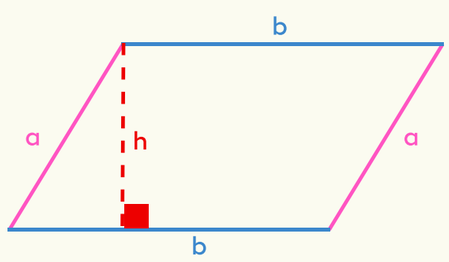
Perimeter, generally denoted by *P*, is the measure of the contour of a figure. It is calculated by adding the measures of all the sides. In the case of a circle, the measure of the contour is called the circumference and is denoted by *C*.

Area, generally denoted by *A*, is the surface occupied by an object (in a two-dimensional plane). Area is calculated in square units (u^2).

	Plane Figure	Perimeter	Area
Triangle		$P = a + b + c$	$A = \frac{b \times h}{2}$
Square		$P = s + s + s + s$ $= 4s$	$A = s \times s$ $= s^2$
Rectangle		$P = b + b + h + h$ $= 2b + 2h$ $= 2(b + h)$	$A = b \times h$
Parallelogram		$P = a + a + b + b$ $= 2a + 2b$ $= 2(a + b)$	$A = b \times h$

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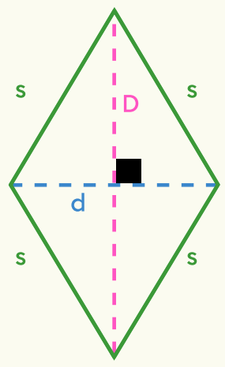
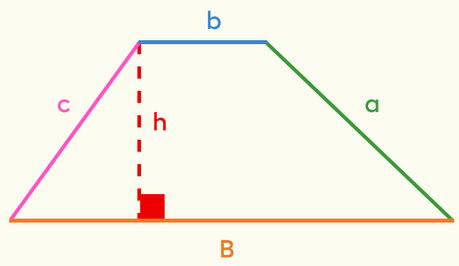
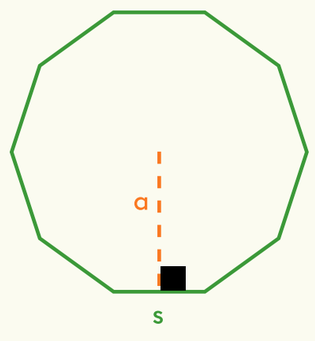
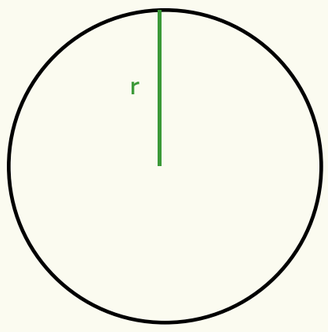
	Plane Figure	Perimeter	Area
Rhombus		$P = s + s + s + s$ $= 4s$	$A = \frac{D \times d}{2}$
Trapezoid		$P = b + a + B + c$	$A = \frac{(b + B) \times h}{2}$
Regular Polygon	 n = number of sides	$P = n \times s$	$A = \frac{san}{2}$
Circle		$C = 2\pi r$	$A = \pi r^2$

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