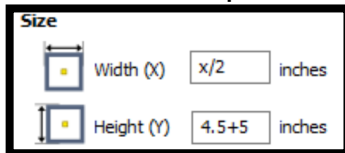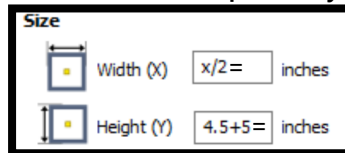# Numerical Edit Box Calculations

In Vectric software, you can do simple math calculations in almost every numerical box that you can enter a value in. You can add, subtract, multiply, divide, and even use variables listed below. After typing an equation into a numerical box, press the equal key (=) to solve the equation and automatically reveal the answer in the edit box. See some examples below:
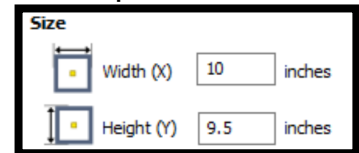
1. Enter an equation:

Size
Width (X) x/2 inches
Height (Y) 4.5+5 inches

2. Press the equal key:

Size
Width (X) x/2= inches
Height (Y) 4.5+5= inches

3. Equation solved:

Size
Width (X) 10 inches
Height (Y) 9.5 inches

Character	Variable	Example	Example Result
W or X	Material Width	w+4.5=	4.5 units bigger than the material width
H or Y	Material Height	h*4=	Four times bigger than the material height
T or Z	Material Thickness	t/2=	Half of the material thickness
P	π (3.141593)	p*25^2=	Area of a 25 radius circle ($π*r^2$)
I	Imperial Conversion	8.2*i=	Converts 8.2mm to inches
M	Metric Conversion	10*m=	Converts 10 inches to millimeters
" '	Feet (apostrophe)	4'+6=	54 inches (4 feet and 6 inches)

*Characters are not case-sensitive.