Common Formulas

<div style="text-align:center">

Perimeter of Rectangle: $P = 2l + 2w$

Area of a Triangle: $A = \dfrac{1}{2}bh$

Area of a Trapezoid: $A = \dfrac{1}{2}h(b_1 + b_2)$

Degrees Fahrenheit: $F = \dfrac{9}{5}C + 32$

Distance: $D = rt$

Simple Interest: $I = Prt$

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Solve the formula for the Area of a Triangle for b.

Given the Area $= 12$ cm^2 and the height $= 4$ cm, find the value of b.

Solve the formula for Degrees Fahrenheit for Degrees Celsius.

Find C when $F = 50°F$

Solve the Perimeter of a Rectangle formula for the width.

Given the Perimeter $= 32$ in and the length $= 10$ in, find the width of the rectangle

Solve $ax + b = cx + d$; for x

Solving Equations and Formulas for Different Variables