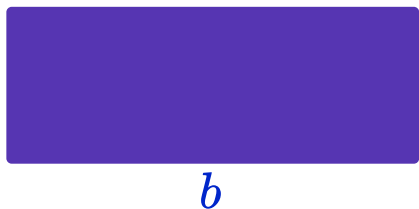


Formulas

Formulas are rules connecting two or more variables. By **substituting** known values into the formula, we can calculate the values of unknown variables.

 **Example**

Here is a rectangle with base b and height h



The formula for the **perimeter** P of a rectangle is $P = 2(b + h)$

Substitute in the values for the **base** and **height** of the rectangle to find the **perimeter** P .

Other examples of maths formulas:

$$A = \pi r^2$$

$$s = \frac{d}{t}$$

$$V = \frac{1}{3}\pi r^2 h$$

$$\sin(\theta) = \frac{O}{H}$$