1 Table of Equations

Equation 1: Summation

Summation of Numberssummation For all natural number n it holds:

$$\sum_{i=1}^{n} i = \frac{n(n+1)}{2}$$

Equations 2: More on summation

Summation of Numberssummation For all natural number n it holds::

$$\sum_{i=1}^{n} i = \frac{n(n+1)}{2}$$

$$\sum_{i=1}^{n} i = \frac{n(n+1)}{2} + \frac{n(n+1)}{2}$$

Equations 3: More on summation

Summation of Numberssummation

Line Values.

Altitude of triangle on side a,

$$h = \frac{2}{a}\sqrt{s(s-a)(s-b)(s-c)}$$

Median of triangle on side a,

$$m = \tfrac{1}{2}\sqrt{2(b^2+c^2)-a^2}$$

Areas.

Rectangle, $S = b \times h$

Square, $S = b^2$