

# Tests for t2t\_math.ml

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## Presentation

`t2t_math.m1` is a script to be used together with `txt2tags` in order to translate formulas to MathML in the generated web pages. See it on [GitHub](#).

This document is used as a test for the tool.

## Examples and Tests

This is a simple inline formula :  $x = \sqrt{y+z}$  that should be parsed.

$x = \sqrt{y+z}$  at the begining of the line, or at the end of the line :  $x = \sqrt{y+z}$

Or even one formula  $x = \sqrt{y+z}$  and another one  $x = \sqrt{y+z}$  on the same line.

We can even have lines without any formulas !

This is a one line block formula :

$$x = \sqrt{a + b + c}$$

Can have space at the begining and at the and :

$$x = \sqrt{a + b + c}$$

This is a real math block :

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

and another one :

$$\int_0^\infty f(x+y)dx = |z| .$$

It can also be on several lines:

$$|x| = \begin{cases} -x & \text{if } x < 0 \\ x & \text{otherwise} \end{cases}$$