

Hello L<sup>A</sup>T<sub>E</sub>X!



Figure 1: Ms. Frizzle, amazing teacher and driver of the Magic School Bus.

$y = ax^2 + bx + c$  can be solved to get

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

The PDF of a normal distribution is

$$f(x|\mu, \sigma) = \frac{1}{\sigma\sqrt{2\pi}} e^{-\frac{(x-\mu)^2}{2\sigma^2}}$$

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*Your name*