

0.1 Spacing, new lines, comments

This is your first LaTeX document! Math is fun.

 This is your first LaTeX document! Math is fun.

 This is your first LaTeX document!
 Math is fun.

0.2 Itemized list

An itemized list of font styles:

- Roman character
- *italic character*
- **bold character**
- *emphasized*
- `typewriter`

0.3 Enumerated list

An enumerated list of mathematical expressions:

1.
$$ax = b \tag{1}$$

2.
$$\begin{aligned} f(x) &= x^2 + e^{-x} + \log_{10} 2x & (2) \\ g(x) &= f(x - 3) & (3) \\ h(x) &= f(\alpha x) + \gamma - \frac{\kappa}{x - 9} & (4) \end{aligned}$$

3. You can also write inline mathematical expressions using dollar signs,
 $f(x) = \sqrt{x}$.

0.4 Figures

Including a figure is easy. Make sure you have `\usepackage{graphicx}` before `\begin{document}`



You can change the size of your figure and add caption to it.



Figure 1: A bigger figure.