

MATH 1200 Tutorial 1

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October 8, 2024

This is my first LaTeX document.

1 Creating Lists

Ordered lists

1. First item
2. Second item
3. Third item

Unordered lists

- First item
- Second item
- Third item

2 Inserting Figures and Images



3 Creating Tables

Column 1	Column 2	Column 3
11	12	13
21	22	23

4 Creating a Bibliography

This is my first citation [2], and this is my second citation [1]

References

[1] Author. Title. *Journal*, Year.

[2] Joe Tran. Tutorial 1: Welcome! introduction to latex. *MATH 1200*, 2024.

5 Writing Equations

This is my quadratic equation $0 = ax^2 + bx + c$, and the solutions of the quadratic equation are

(Numbered Equations)

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \quad (1)$$

$$\frac{d}{dx}(x^2) = 2x \quad (2)$$

(No Numbered Equations)

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

Factor: $x^2 - x + 6$.

$$\begin{aligned} x^2 - x + 6 &= x^2 + 2x - 3x + 6 \\ &= x(x + 2) - 3(x + 2) \\ &= (x - 3)(x + 2) \end{aligned}$$