This is my first LaTeX document

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Contents

1 Lists

Tools for making sketches:

1. Pen
2. Pencil
    - Graphite
        - 4B
        - 8B
    - Charcoal
    - Pastel
3. Paper

1. Pen
2. Pencil
    (a) Graphite
        i. 4B
        ii. 8B
    (b) Charcoal
    (c) Pastel
3. Paper

2 Equations

2.1 Inline equations

The function is: $f(x) = x + 1$

The second function is:

$$f(y) = y + 2$$

The third function is:

$$f(y) = y - 5 \tag{1}$$

Superscript and subscript: $f_x = x^{y-1}$
Fraction: $x = \frac{3}{4}$
Area of a circle: πr^2
Volume of a sphere: $\left\{\frac{4}{3}\right\} \pi r^3$

2.2 Array of equations

Array of equation:

$$f(x) = x + 1 \tag{2}$$
$$f(y) = y + 1 \tag{3}$$
$$f(z) = z + 1 + 1 \tag{4}$$

3 Brackets

I have $\frac{2}{3}$ of a litre.

$a = \left\{\frac{b}{c} + c\right\} + d$

4 Table

x	1	2
$f(x)$	3	4

5 Graphics

6 Macros

first use of EINSTEIN equation [**?**] is: $E = mc^2$

another use of Einstein equation [1] is: $E = mc^2$

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References

[1] Aparajita Dutta, Tushar Dubey, Kusum Kumari Singh, and Ashish Anand. Splicevec: distributed feature representations for splice junction prediction. *Computational biology and chemistry*, 74:434–441, 2018.

References

[1] D. Uthor. *D title.* D Company, 2014.

[2] D. Uthor. *D title.* D Company, 2014.