

# My Eighth L<sup>A</sup>T<sub>E</sub>X Document - MATH: In-line, Center, Align

Thuan Q. Nguyen

February 23, 2019

This is a fraction is in-line; uses single dollar sign "\$".

$$\frac{x^2}{x^3} = \frac{1}{x}$$

These are integrals; uses double dollar signs "\$\$" to centered text.

$$\int_a^b f(x)dx$$

Align with steps on the right.

$$\frac{x^2}{x^3} = \frac{1}{x} \tag{1}$$

$$\sqrt{16} = 4 \tag{2}$$

$$\int_a^b f(x)dx = 5x^3 + x^2 \tag{3}$$

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

$$\tag{5}$$

Align without steps on the right.

$$\frac{x^2}{x^3} = \frac{1}{x}$$

$$\sqrt{16} = 4$$

$$\int_a^b f(x)dx = 5x^3 + x^2$$

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