Stefan Latex

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1 Operations

1.1 Math Mode

$sin^2(\theta) + cos^2(\theta) = 1$

Math Mode When you want to make math related thing, put it in $$ around it.
Two backslashes \\ are used to go to the new line.
To make more breaks, use \\[5pt], or how ever much you want to skip lines.

1.2 Exponents

For exponents, use **shift 6**.
x^4, x^6, x^{nq+b}

1.3 Fractions

Use \frac{}{}
$\frac{1}{2}$, $\frac{2}{3}$, $\frac{x-4}{6-x^2}$

1.4 Align*

Align equal signs (or anything) with align*.
Put & in front of the things that you want to align.

$$5x^2 + 14x - 3 = 0$$
$$(15x - 1)(x + 1) = 0$$
$$x = \frac{1}{15} \qquad x = -1$$

1.5 Square Roots

Use \sqrt{}{}
$\sqrt{4},\ \sqrt{6-x}$

1.6 Subscripts

Use **shift**, then the 'dash' key (-).

$x_1,\ x_2,\ x_{i+1},\ x_{4n^2-1}$

2 Tables

1	2	3
4	5	6

	2	3
Multirow	4	5
	6	7

Multicolumn		x
X	X	X