Syntax
$ expression $
$$ Latex Expression $$

\complement

$100 \complement 10$

\binom{}{} [Binomial]

$\binom{3}{4}$

\cup [union]

$\cup$

\cap [Intersection]

$\cap$

\bar a [mean]

$\bar a$

\sqrt{} [square root, radical]

$\sqrt{2}$

$\sqrt[3]{2}$

---

c = \sqrt{a^2 + b^2}

$c = \sqrt{a^2 + b^2}$

\frac{}{} [fraction]

$\frac{3}{4}$

\leq \geq [less or equals, greater or equals]

$a \leq b$
$b \geq a$

---

e^{10-1}

\underline [not A]

$\underline{A}$

A_i

A_i

$P(X)$
$Domain = \{1, 2, 3, 4, 5, 6\}$

\sum_{i=0}^\infty [sum]

$$\sum_{i=0}^{\infty}$$

Table

Stretch/Untouched	ProbDistribution	Accuracy
Stretched	Gaussian	.843

Stretch/Untouched	ProbDistribution	Accuracy
Stretched	Gaussian	.843
Other	Something	1/30

HTML Table

| first | second |
| first | second |

Insert Image

```
# ![graph](data/img1.png)
```

	A	B	C	D	E	F	G
1	X	P(X)	E is given	X - E	^2	P * [X-E]^2	
2	0	0.05	2	-2	4	0.2	
3	1	0.25	2	-1	1	0.25	
4	2	0.4	2	0	0	0	
5	3	0.25	2	1	1	0.25	
6	4	0.05	2	2	4	0.2	
7							
8					Var(X)	0.9	
9					STD	0.948683298	
10							