

## Using MathJax on Courseware Discussion Board

All MathJax equations must be placed within:  $\backslash$  ( and  $\backslash$ )

	Command	Displays
Fraction	$\backslash\text{frac}\{a\}\{b\}$	$\frac{a}{b}$
Powers	$x^2$	$x^2$
	$x^{\{10\}}$	$x^{10}$
Square Roots	$\backslash\text{sqrt}\{x\}$	$\sqrt{x}$
Limits	$\backslash\text{lim}_{x \to a}$	$\lim_{x \rightarrow a}$
Infinity	$\backslash\text{infty}$	$\infty$
Integral	$\backslash\text{int}$	$\int$
	$\backslash\text{int}_0^{\{10\}} x^2 dx$	$\int_0^{10} x^2 dx$
Sum	$\backslash\text{sum}$	$\Sigma$
	$\backslash\text{sum}_{k=1}^{\{\infty\}} \backslash\text{frac}\{1\}\{k^2\}$	$\sum_{k=1}^{\infty} \frac{1}{k^2}$

More commands can be found here:

<http://users.dickinson.edu/~richesod/latex/latexcheatsheet.pdf>