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To toggle to the math mode, you must use the `$...$` tag. The math commands must be separated by a space character or surrounded by `{ }`.

`$x \in \mathbb{R} \setminus \{ 1; 2 \}$`

☰

Typical commands

- `x+y` : `$x+y$`
- `x-y` : `$x-y$`
- `x*y` : `$x*y$`
- `x/y` : `x/y`
- `x^y` : `x^y`
- `x_y` : `x_y`
- `x<>y` : `<math>x<>y</math>`
- `x>y` : `$x>y$`
- `x>=y` : `$x>=y$`
- `x<y` : `<math>x<y</math>`
- `x=y` : `$x=y$`
- `(x)` : `(x)`
- `{x}` : `$\{x\}$`
- Space
- `a~b` : `$a~b$`

Greek:

- `alpha` : `α`
- `beta` : `β`
- `gamma` : `γ`
- `delta` : `δ`
- `epsilon` : `ϵ`
- `varepsilon` : `ε`
- `zeta` : `ζ`
- `eta` : `η`
- `theta` : `θ`
- `vartheta` : `ϑ`
- `iota` : `ι`
- `kappa` : `κ`
- `lambda` : `λ`
- `mu` : `μ`
- `nu` : `ν`
- `xi` : `ξ`
- `pi` : `π`
- `varpi` : `ϖ`
- `rho` : `ρ`
- `varrho` : `ϱ`
- `sigma` : `σ`
- `varsigma` : `ς`
- `tau` : `τ`
- `upsilon` : `υ`
- `phi` : `ϕ`
- `varphi` : `φ`

- chi : χ
- psi : ψ
- omega : ω
- Gamma : Γ
- Lambda : Λ
- Sigma : Σ
- Psi : Ψ
- Delta : Δ
- Xi : Ξ
- Upsilon : Υ
- Omega : Ω
- Theta : Θ
- Pi : Π
- Phi : Φ
- Symbols:
- infty : ∞
- in : \in
- notin : \notin
- forall : \forall
- exists : \exists
- notexists : \nexists
- partial : ∂
- approx : \approx
- pm : \pm
- inter : \cap
- union : \cup
- ortho : \perp
- parallel : \parallel
- backslash : \backslash
- prime : \prime
- wedge : \wedge
- vert : ε
- lbrace : $\{$
- rbrace : $\}$
- circ : \circ
- varnothing : \varnothing
- subset : \subset
- notsubset : $\not\subset$
- cdots : \cdots
- vdots : \vdots
- ddots : \ddots
- Arrows:
- left : \leftarrow
- right : \rightarrow
- leftright : \leftrightarrow
- doubleleft : \doubleleftarrow
- doubleright : \doublerightarrow
- doubleleftright : \doubleleftrightarrow
- nearrow : \nearrow
- searrow : \searrow

- Sets:
- \mathbb{R} : `<m>bbR</m>`
- \mathbb{N} : `<m>bbN</m>`
- \mathbb{Z} : `<m>bbZ</m>`
- \mathbb{C} : `<m>bbC</m>`
- Roots and Limits:
- \sqrt{a} : `<m>sqrt{a}</m>`
- $\sqrt[n]{a}$: `<m>root{n}{a}</m>`
- $\lim_{x \rightarrow a} f(x)$: `<m>lim{a}{x}</m>`
- Big Operators:
- $\int_a^b f(x) dx$: `<m>int{a}{b}{x}</m>`
- $\iint_a^b f(x,y) dx dy$: `<m>doubleint{a}{b}{x}</m>`
- $\iiint_a^b f(x,y,z) dx dy dz$: `<m>tripleint{a}{b}{x}</m>`
- $\oint_C f(x,y,z) dx dy dz$: `<m>oint{a}{b}{x}</m>`
- $\sum_{i=1}^n a_i$: `<m>sum{a}{b}{x}</m>`
- $\prod_{i=1}^n a_i$: `<m>prod{a}{b}{x}</m>`
- $\bigcup_{i=1}^n A_i$: `<m>bigcup{a}{b}{x}</m>`
- $\bigcap_{i=1}^n A_i$: `<m>bigcap{a}{b}{x}</m>`
- Delimiters:
- $\left[\right]$: `<m>delim{[}{x}{]}</m>`
- $\left\} \right\}$: `<m>delim{]}{x}{]}</m>`
- $\left[\right]$: `<m>delim{[}{x}{[}</m>`
- $\left\} \right\}$: `<m>delim{]}{x}{]}</m>`
- $\left\{ \right\}$: `<m>delim{lbrace}{x}{rbrace}</m>`
- $\left| \right|$: `<m>delim{|}{x}{|}</m>`
- $\left| \right|$: `<m>delim{vert}{x}{vert}</m>`
- Matrix:
- Syntax : `matrix{num of lines}{num of columns}{first_element ... last_element}`
- `matrix{2}{3}{a b c d e f g}` : `<m>matrix{2}{3}{a b c d e f g}</m>`
- Tabular:
- Syntax : `tabular{lines description}{columns description}{first_element ... last_element}`
- lines : sequence of 1 (draw the horizontal line) or 0 (don't draw the horizontal line) - the length of the sequence=num of lines+1
- columns : sequence of 1 (draw the vertical line) or 0 (don't draw the vertical line) - the length of the sequence=num of columns+1
- `tabular{111}{1111}{a b c d e f g}` : `<m>tabular{111}{1111}{a b c d e f g}</m>`
- `tabular{1001}{101}{1 2 3 4 5 6}` : `<m>tabular{1001}{101}{1 2 3 4 5 6}</m>`
- Constructions:
- \vec{a} : `<m>vec{express}</m>`
- \underbrace{a}_{b} : `<m>{express}under{foo}</m>`
- \overbrace{a}^b : `<m>{express}over{foo}</m>`
- \overline{a} : `<m>overline{express}</m>`
- \underline{a} : `<m>underline{express}</m>`
- \hat{a} : `<m>hat{express}</m>`

`<m> mu </m>`

From:

<http://mantrakshar.co.in/> - **Kshtrgyn**

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<http://mantrakshar.co.in/doku.php/wiki/math-publisher?rev=1672727526>

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