

`\cdotp`

`\ldotp`

These two commands respectively produce a centered dot and a dot positioned on the baseline. They are valid only in math mode. T<sub>E</sub>X treats them as punctuation, putting no extra space in front of them but a little extra space after them. In contrast, T<sub>E</sub>X puts an equal amount of space on both sides of a centered dot generated by the `\cdot` command (p. ‘`\cdot`’).

*Example:*

`$x \cdotp y \quad x \ldotp y \quad x \cdot y$`

*produces:*

$x \cdot y \quad x.y \quad x \cdot y$