

\cases

This command produces the mathematical form that denotes a choice among several cases. Each case has two parts, separated by ‘&’. T_EX treats the first part as a math formula and the second part as ordinary text. Each case must be followed by \cr.

Example:

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$$g(x,y) = \cases{f(x,y),&if $x<y$\cr
f(y,x),&if $x>y$\cr
0,&otherwise.\cr}$$


```

produces:

$$g(x,y) = \begin{cases} f(x,y), & \text{if } x < y \\ f(y,x), & \text{if } x > y \\ 0, & \text{otherwise.} \end{cases}$$