

`\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:

```


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


```

produces:

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