

Curly bracket are reserved symbol.

doesn't work

{ works.

([works.

we have to put \for all reserved symbol \$ % _ #

Fraction

$$3\left(\frac{3}{5}\right)$$

$$3\left\{\frac{3}{5}\right\}$$

$$3\left[\frac{3}{5}\right]$$

$$\left|\frac{3}{5}\right|$$

Matching a single parenthesis:

$$\left\{\frac{3}{5}\right\}$$

$$\left.\frac{dy}{dx}\right|_{x=1}$$