Example 0

Inline math The area A of a circle of radius r is $A = \pi r^2$. Since to write this (see the .tex file) we used a dollar sign, how do you get a dollar sign? Use \$, as: peaches cost \$1.27 a pound.

Display math (unnumbered equatons):

$$\int_0^\infty e^{-t^2} \, dt = \frac{\sqrt{\pi}}{2}.$$

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$$\int_0^\infty e^{-t^2} dt = \frac{\sqrt{\pi}}{2}.\tag{1}$$

In the study of probability, this equation (1) is vital.