

# Image to LaTeX Formula Conversion Results

Generated from Dataset

November 26, 2025

## Formula Conversions

This document contains all 100 formulas converted from images to LaTeX using the pix2tex model.

### Formula 000

$$\sum_{n=0}^{\infty} \times^n$$

### Formula 001

$$\lim_{x \rightarrow 0} \frac{\sin x}{x}$$

### Formula 002

$$\binom{n}{k}$$

### Formula 003

$$\partial_t u = D \nabla^2 \boldsymbol{u}$$

### Formula 004

$$f(x) = \frac{1}{\sqrt{2\pi}} \Theta^{-x^2/2}$$

### Formula 005

$$\phi = \frac{1 + \sqrt{5}}{2}$$

### Formula 006

$$\phi = \frac{1 + \sqrt{5}}{2}$$

### Formula 007

$$\in^{i\pi} + \perp = 0$$

### Formula 008

$$\phi = \frac{1 + \sqrt{5}}{2}$$

**Formula 009**

$$\Gamma(n) = (n-1)!$$

**Formula 010**

$$\int_0^n \sinh x \, dx$$

**Formula 011**

$$\int_0^1 x^2 dx$$

**Formula 012**

$$\forall x$$

**Formula 013**

$$\times^2 + 2x + 1$$

**Formula 014**

$$\sum_{n=0}^{\infty} \times^n$$

**Formula 015**

$$\frac{\Omega_{\circ}}{z_{-o}}$$

**Formula 016**

$$\sum_{n=1}^{\infty} \frac{1}{n^2}$$

**Formula 017**

$$f(x) = \frac{1}{\sqrt{2\pi}} e^{-x^2/2}$$

**Formula 018**

$$\frac{1}{\overline{X}}$$

**Formula 019**

$$\sin^2(\mathbf{x}) + \cos^2(\mathbf{x}) = \mathbf{1}$$

**Formula 020**

$$\sin^2(\mathbf{x}) + \cos^2(\mathbf{x}) = \mathbf{1}$$

**Formula 021**

$$\sin^2(\mathbf{x}) + \cos^2(\mathbf{x}) = \mathbf{1}$$

**Formula 022**

$$\frac{\partial}{\partial x}(x^n) = mx^{n-1}$$

**Formula 023**

$$\sqrt{\alpha^2 + b^2}$$

**Formula 024**

$$\partial x^2 + bx + c = 0$$

**Formula 025**

$$\frac{\partial}{D}$$

**Formula 026**

$$\frac{\partial}{D}$$

**Formula 027**

$$\frac{\partial}{\partial x}(x^n) = mx^{n-1}$$

**Formula 028**

$$\cos(\theta) = \frac{ady}{hyp}$$

**Formula 029**

$$\frac{m!}{k! (m - k)!}$$

**Formula 030**

$$\frac{\partial}{\partial x}(x^n) = mx^{n-1}$$

**Formula 031**

$$\lim_{x \rightarrow 0} \frac{\sin x}{x}$$

**Formula 032**

$$\int \in^x Qx$$

**Formula 033**

$$\frac{Qy}{Qx}$$

**Formula 034**

$$\sin^2(\mathbf{x}) + \cos^2(\mathbf{x}) = \mathbf{1}$$

**Formula 035**

$$\Gamma(n) = (n-1)!$$

**Formula 036**

$$\forall x$$

**Formula 037**

$$\binom{n}{k}$$

**Formula 038**

$$x^2 + 2x + 1$$

**Formula 039**

$$\frac{1}{X}$$

**Formula 040**

$$\sin^2(x) + \cos^2(x) = 1$$

**Formula 041**

$$x^2 + 2x + 1$$

**Formula 042**

$$\frac{\partial}{\partial x}(x^n) = nx^{n-1}$$

**Formula 043**

$$\int_x dx$$

**Formula 044**

$$\frac{\Omega_i}{z_{-i}},$$

**Formula 045**

$$\partial x^2 + bx + c = 0$$

**Formula 046**

$$\partial x^2 + bx + c = 0$$

**Formula 047**

$$\sin^2(x) + \cos^2(x) = 1$$

**Formula 048**

$$\frac{\partial}{\partial x}(x^n) = nx^{n-1}$$

**Formula 049**

$$\int \in^x Qx$$

**Formula 050**

$$\Gamma(n) = (n-1)!$$

**Formula 051**

$$\binom{n}{k}$$

**Formula 052**

$$\Gamma(n) = (n-1)!$$

**Formula 053**

$$\frac{\partial}{\partial x}(x^n) = mx^{n-1}$$

**Formula 054**

$$\int \in^x Qx$$

**Formula 055**

$$\phi = \frac{1 + \sqrt{5}}{2}$$

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$$\frac{Qy}{Qx}$$

**Formula 058**

$$\Gamma(n) = (n-1)!$$

**Formula 059**

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**Formula 060**

$$\sum_{n=1}^{\infty} \frac{1}{n^2}$$

**Formula 061**

$$\frac{m!}{k! (m-k)!}$$

**Formula 062**

$$\partial x^2 + bx + c = 0$$

**Formula 063**

$$\cos(\theta) = \frac{ady}{hyp}$$

**Formula 064**

$$\int \in^x Qx$$

**Formula 065**

$$f(x) = \frac{1}{\sqrt{2\pi}} \Theta^{-x^2/2}$$

**Formula 066**

$$\in^{i\pi} + \mathbf{L} = \mathfrak{D}$$

**Formula 067**

$$\partial x^2 + bx + c = 0$$

**Formula 068**

$$\log_{10}(x)$$

**Formula 069**

$$\partial x^2 + bx + c = 0$$

**Formula 070**

$$\binom{n}{k}$$

**Formula 071**

$$\frac{m!}{k! (m-k)!}$$

**Formula 072**

$$\binom{n}{k}$$

**Formula 073**

$$\sqrt{\alpha^2 + b^2}$$

**Formula 074**

$$f(x) = \frac{1}{\sqrt{2\pi}} \mathrm{e}^{-x^2/2}$$

Formula 075

$$\nabla \cdot \vec{E} = \frac{\rho}{\varepsilon_0}$$

Formula 076

$$\sum_{n=1}^{\infty} \frac{1}{n^2}$$

Formula 077

$$\frac{Qy}{Qx}$$

Formula 078

$$\int_0^n \sinh x \, dx$$

Formula 079

$$f(x) = \frac{1}{\sqrt{2\pi}} \in^{-x^2/2}$$

Formula 080

$$\cos(\theta) = \frac{ady}{hyp}$$

Formula 081

$$\times^2 + 2x + 1$$

Formula 082

$$\partial_t u = D \nabla^2 \boldsymbol{u}$$

Formula 083

$$\int_0^1 x^2 dx$$

Formula 084

$$\frac{\Omega_{\circ}}{z-0},$$

Formula 085

$$\int_x dx$$

Formula 086

$$\frac{Qy}{Qx}$$

Formula 087

$$n=(x)$$

**Formula 088**

$$\alpha + \beta = v$$

**Formula 089**

$$\Gamma(n) = (n-1)!$$

**Formula 090**

$$\phi = \frac{1 + \sqrt{5}}{2}$$

**Formula 091**

$$\forall x$$

**Formula 092**

$$n = (x)$$

**Formula 093**

$$\binom{n}{k}$$

**Formula 094**

$$\nabla \cdot \vec{E} = \frac{\rho}{\varepsilon_0}$$

**Formula 095**

$$\frac{\Omega_{\text{o}}}{z_{\text{o}}} i,$$

**Formula 096**

$$\sum_{n=0}^{\infty} \times^n$$

**Formula 097**

$$\frac{\partial}{\partial x}(x^n) = mx^{n-1}$$

**Formula 098**

$$\frac{\partial}{D}$$

**Formula 099**

$$\lim_{x \rightarrow 0} \frac{\sin x}{x}$$