$$superscripts: 2x^3$$

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superscripts: $2x^3425$

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superscripts: $2x^{34.0200059877}$

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$$2x^{34.0200059877}$$

$$2x^{3x+4}$$

$$2x^{3x^4+5^{3x^{23x}}}$$

Subscripts: x_4

$$x_{sd_1,3}$$

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greek letters:
$$\pi$$

$$\alpha$$

$$\beta$$

$$\gamma$$

$$\delta$$

$$\det$$

$$\deg$$

$$\rho$$

Area of circle:
$$A = \pi r^2$$

trigonometric functions:
$$y = \sin x$$

1

log functions:

$$\log_5 x$$

$$\ln x$$

$$\log x$$

square roots:

$$\sqrt{2}$$

$$\sqrt{81}$$

$$\sqrt[10]{2}$$

$$\sqrt[3]{2}$$

$$\sqrt{x^{5x+3}}$$

$$\sqrt[x^{4x+5x}]{x^{5x+3}}$$

$$\sqrt{1+\sqrt{x}}$$

$$\sqrt{1+\sqrt[2x+6.0257]{x^7+89}}$$

fractions: About 2/3 glass of water.

About 2/3 glass of water.

About

$$2/3$$

glass of water.

About $\frac{2}{3}$ glass of water.

About

$$\frac{2}{3}$$

glass of water

About $\dfrac{2}{3}$ glass of juice.

$$\frac{\sqrt[x^{4x+5x}]{x^{5x+3}}}{\sqrt{1+\sqrt[2x+6.0257]{x^7+89}}}$$

$$\frac{\sqrt{1+\sqrt{x}}}{\log x\sqrt{1+\sqrt[2x+6.0257]{x^7+89}}}$$