

Hello Wolrd!

$$y=2x-1$$

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$$x^{2y}, x^{2y^x}, X_{n_1}^{2y^z}$$

$$X_{3m}^{2m}, X^{2n_3m}$$

$$X_n^2, X_n^2, X_{n^2}$$

$$2^{2^{2^{2^{2^{2^2}}}}}$$

$$f'(x) \quad f'''(x)|_{x=0}$$

$$\pi, \Phi, \Sigma, \mu, \alpha$$

$$\Gamma\Pi\Phi\hbox{는}\Gamma\Pi\Phi\hbox{와}\hbox{다르다}.$$

$$\dots\quad\hbox{는}\Psi\Theta\Omega\hbox{와}\hbox{다르다}.$$

$$\sqrt[x]{x}, \sqrt[3]{ax+b}, \sqrt[2]{5}, \sqrt{2}, \sqrt[x]{2}$$

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

$$\sqrt{a}\sqrt{d}\sqrt{g}$$

$$(x_1+\cdots+x_n)$$

$$(a_1,\ldots,a_m)$$

$$(a_1,\dot{,},a_n)$$

$$(a_1,\dot{\cdot\cdot\cdot},a_n)$$

$$\frac{x^2+1}{y_1^2-1}$$

$$1+\frac{1}{1+\frac{1}{1+\frac{1}{1+\frac{1}{1+x}}}}$$

$$\frac{1}{2}+\frac{x}{2}$$

$$\mathcal{A}\otimes$$

$$\mathcal{A}\trianglelefteq$$

$$\mathcal{S}\text{를 } \mathcal{S}=\{A\mid A\ni \mathcal{T}\}\text{라 하자.}$$

$$\mathbb{A},\emptyset$$

$$\not\exists,\not\subset,\not\prec$$

$$\lim_{n\rightarrow\infty}$$

$$\liminf_{n\longrightarrow\infty}$$

$$\liminf_{n\rightarrow\infty}$$

$$a\bmod b\qquad y\pmod{a+b}$$