



$$\lim_{n \rightarrow \infty} \frac{1}{n} = 0$$

$$\sum_{n=1}^k \frac{1}{n} \quad f'(a) = \lim_{h \rightarrow 0} \frac{f(a+h) - f(a)}{h}$$

$$c = 5$$

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$$\frac{2n(n+1)}{2} \quad \sqrt[n]{a^n} = a = \left(a^{\frac{1}{n}}\right)^n$$

$$a^2 + b^2 = c^2$$

$$\sum_{n=1}^k \frac{1}{2n+1} \quad \lim_{n \rightarrow \infty} \frac{1}{n} = 0$$

$$\frac{\delta x}{\delta y} = \lim_{i \rightarrow 0} \frac{\delta x_i}{\delta y_i}$$

$$\text{the - answer} = 42$$

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$$\exp(x) = \sum_{n=0}^{\infty} \frac{x^n}{n!}$$

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$$\sum_{n=1}^k \frac{n(n+1)}{2} \quad f'(a) = \lim_{h \rightarrow 0} \frac{f(a+h) - f(a)}{h}$$

$$\tan(2a) = \frac{2 \tan(a)}{1 - \tan^2(a)}$$

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