

Basic

0 1 2 3 4 5 6 7 8 9
 A B C D E F G H I J
 K L M N O P Q R S
 T U V W X Y Z
 a b c d e f g h i j k l m n
 o p q r s t u v w x y z
 +, -, ×, ÷, %, !, ?, /, ;, *,
 @, ., (, [] #, ^, { } ÷,
 ∞ → ≈ 11
 1 + 1 = 2
 $\sqrt{4} = 2$
 $a + b = c$ 12 < 23

$$\begin{array}{r} 384 \\ -133 \\ \hline 231 \end{array} \quad y = 2x + 3$$

$$-\infty \quad 0 \quad +\infty$$

$$A = l \cdot w \quad A = G^2$$

$$\frac{a}{b} < \frac{c}{d}$$

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Medium

$$|c| = \sqrt{a^2 + b^2}$$

$$\sqrt{1+3+4+5+6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+25+26+27+28+29+30+31+32+33+34+35+36+37+38+39+40+41+42+43+44+45+46+47+48+49+50+51+52+53+54+55+56+57+58+59+60+61+62+63+64+65+66+67+68+69+70+71+72+73+74+75+76+77+78+79+80+81+82+83+84+85+86+87+88+89+90+91+92+93+94+95+96+97+98+99+100}$$

$$(a+b)^2 = a^2 + 2ab + b^2$$

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

$$\sqrt{a \cdot b} = \sqrt{a} \cdot \sqrt{b}$$

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

$$f(x) = a(x-x_1)(x-x_2)$$

$$y = \log_b(x)$$

$$x = b^y$$

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Advanced

$$V_n = \frac{n!}{(n-k)!}$$

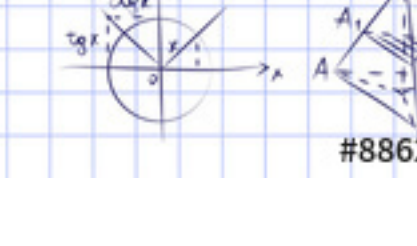
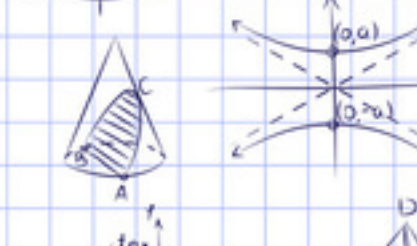
$$P_n = \sum_{i=0}^n x_i$$

$$\frac{\Delta x}{\Delta t} = \lim_{\Delta t \rightarrow 0} \frac{\Delta x + \Delta y}{\Delta t - \Delta y}$$

$$\binom{n}{k} = \frac{n!}{k!(n-k)!}$$

$$(a+b)^n = \sum_{k=0}^n \binom{n}{k} a^k b^{n-k} = \binom{n}{0} a^n b^0 + \binom{n}{1} a^{n-1} b^1 + \dots + \binom{n}{k} a^{n-k} b^k + \dots + \binom{n}{n} a^0 b^n$$

$$\int a^u du = \frac{1}{\log a} \cdot a^u + C \quad \int e^u du = e^u + C$$



#88620792