

A + B = 2

3A + B = 2

نقطه استقامت | 1 1 | 2 3

س ١

2A = 2 -> A = 1, A + B = 2 -> B = 1

برای نقطه تلاقی تابع
x و y = 1/3

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2^n + 10 = 2^n * 11 -> (2^n - 3)(2^n - 2) = 0

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n, 2 log 2^n -> n = 2 log 2^n

log 2^n + log 2^n = log 10

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(log 2^n) + log 2^n = 1 -> (log 2^n) + 2(log 2^n) = 1

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(1 + log 2^n) (2 + log 2^n) = (2 - log 2^n) (2 + log 2^n) = 4 - (log 2^n)^2

log (n^2 - 2n + 1) + 3 log (1 - n) = 0

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log (n-1)^2 (1-n)^3 = 0 -> log (1-n)^0 = 0 -> 1 = (1-n)^0 -> 1 = 1-n

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n = -9 -> log 3 = 3

log (n^2 + 2n + 1) + log (n-2) = 3

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log (n^2 - 1) = 3 -> n^2 - 1 = 10^3 -> n = 2 sqrt(2) -> log 3 = 3

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$$\log_{(r-n)} \left[\log \frac{1}{(n-r)^r} \right] = \mu \quad \log \frac{(-n)}{\sqrt{r}} = \rho \Rightarrow \log \frac{-(-n)}{\sqrt{r}} = \rho$$

$$\log \left(\frac{1}{(r-n)^r} \right) = \log (r-n)^{-r} = -r \log (r-n)$$

$$\Rightarrow \mu \log (r-n)^{-r} = -r \log (r-n) \rightarrow r-n = 1 \rightarrow n = r-1$$

$$\mu \frac{r}{r-n} = \frac{n}{r-n} \quad \log (r-n)^{-r} = \log \frac{1}{(r-n)^r} \Rightarrow \log \frac{1}{r} = \frac{1}{r}$$

$$\Rightarrow n^r - r = \epsilon n \rightarrow n^r - \epsilon n + \epsilon = r \rightarrow (n-r)^r = r \rightarrow n-r = \sqrt[r]{r}$$

$$\log r = \frac{\delta}{\Delta} \quad \log \frac{1}{r} = \frac{1}{r} \rightarrow \frac{\log r}{r} = \frac{\delta}{\Delta} \rightarrow \log r = \frac{r(\Delta a)}{\omega a + r(\Delta a)}$$

$$\frac{\log a}{r \Delta a} = \frac{\delta}{\Delta} \rightarrow \log r = \frac{\delta}{\Delta} \rightarrow \log r = \Delta a$$

$$\log \frac{r}{\epsilon} = \frac{1}{\Delta} \quad \log \frac{1}{r} = \frac{1}{r} \rightarrow \log r = \frac{1}{r} \rightarrow \log r = \Delta a$$

$$\frac{\log r + \log r}{r \log r + \log r} = \frac{\Delta a + \Delta a}{1 \cdot \Delta a + \Delta a} = \frac{2 \Delta a}{2 \Delta a} = \frac{1}{1} = 1$$

$$(a \log r) n^r + a n + b \log r =$$

$$n = -1 \rightarrow a \log r - a + b \log r = 0 \rightarrow (a+b) \log r = a \rightarrow \log r = \frac{a}{a+b}$$

$$\rightarrow \frac{1}{\log r} = \frac{a+b}{a} \rightarrow \log \frac{1}{r} = \frac{a+b}{a} = 1 + \frac{b}{a} \rightarrow \log r - 1 = \frac{b}{a}$$

$$\rightarrow \frac{b}{a} = \log r \Rightarrow (\sqrt{r})^{\frac{b}{a}} = r^{\frac{1}{2} \log r} = \sqrt{\delta}$$