

تساوی

$$A+B$$

$$r^A$$

$$r^{A+B} = 1$$

$$r^A = 9$$

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تقدیر و خواص نوشتن شود

$$r^{A+B} = r$$

$$r^A = r$$

$$A = 1$$

$$B = -1$$

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$$r^{x-1} = r^{-1}$$

$$\rightarrow \left(\frac{1}{r}\right)$$

$$\log_r (r^x + 10) = x + 2$$

$$\frac{x}{r} = 0$$

$$r^x = r$$

$$(r)^{x+2} = r^x + 10$$

$$\log_r 10 = x$$

$$\log_r r^x = x$$

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$$r^x \times r^2 = r^x + 10$$

$$A - \wedge A + 10 = 0$$

$$(A - 10)(A - 1) = 0$$

$$\begin{matrix} \wedge \\ 10 \end{matrix} \quad \begin{matrix} \wedge \\ 1 \end{matrix}$$

$$\log_r r^x + \log_r 10 = \log_r 10$$

$$\log_r^x \times \log_r^r + \log_r^{x+2} \times \log_r^{r^x}$$

$$(\log_r^x)^r + [\log_r^x + \log_r^2] + [\log_r^x + \log_r^2]$$

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$$(\log_r^x)^r + [1 + \log_r^2] + [x + \log_r^2]$$

جواب ۶

$$\log_r^x = \log_r \frac{x}{r^x} = 1 - \log_r^x = \log_r^x$$

$$\rightarrow (r - \log_r^x)(r + \log_r^x) + (\log_r^x)^r = 6$$

$$\log (n-1)^r + \log (1-n)^r = a$$

$$\log (n-1)^{-a} = \log 1$$

Uro, K3 (r)

$$\log 9 \rightarrow (r)$$

$$n-1 = -1 \rightarrow n = -9$$

$$\log (x^r + rx + r)(x-r) = \log 1$$

$$(x^r + rx + r)(x-r) = x^r + rx + r - rx - r^2 = x^r - r^2 = 1$$

$$x^r - r^2 = 1 \rightarrow x = r^{1/c}$$

$$\rightarrow \log \frac{x}{r} = \log r^{1/c} = \frac{1}{c} = 2$$

جواب 2

$$\log \frac{r-x}{1} = \log 1$$

$$-(n-r)^r (n-r)$$

$$\log (n-r)^r = \log 1$$

$$\log (\sqrt{r})^2 = \frac{2}{2} = 1$$

$$-(n-r)^r = 1$$

$$n-r = -1 \rightarrow n = -1$$

$$\frac{r}{n-r} = \frac{r}{n}$$

$$n - r = rx$$

تکانه، صواب - ۷

$$n - r - r =$$

$$(n-r)^2 - 9 = 0$$

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$$\log \frac{n}{n-r} = \frac{1}{r}$$

$$\begin{aligned} (n-r)^2 &= 9 \\ n-r &= \sqrt{9} \end{aligned}$$

$$\log n$$

$$= \frac{r}{n}$$

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$$\log nr$$

$$\log \frac{n}{r} + \log r = \frac{1}{r}$$

$$= \frac{1}{r}$$

$$\frac{1}{r}$$

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$$\frac{r \log \frac{n}{r}}{\frac{1}{r}} = \frac{1}{r}$$

$$\log r$$

$$= \log r^{\frac{1}{r}} + \log r^{r-1}$$

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$$\log nr$$

$$\log \frac{n}{r} + \log r$$

$$\frac{1}{r}$$

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C/br, K³

$$x_1 = -1 \rightarrow \frac{c}{a} = x_1 + x_2 = \frac{b \log r}{a \log r} = \frac{b}{a} \rightarrow x_2 = -\frac{b}{a} \quad -1.$$

$$\rightarrow \begin{matrix} x_1 = -1 \\ x_2 = -\frac{b}{a} \end{matrix} \rightarrow x_1 + x_2 = -1 - \frac{b}{a}$$

~~$$\log r$$~~

$$-1 - \frac{b}{a} = x_1 + x_2 = \frac{-a}{a \log r} \quad \text{⑤}$$

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

$$\frac{b}{a} = 1 - \frac{1}{\log r} \rightarrow \frac{b}{a} = \frac{1 - \log r}{\log r} = \frac{\log 0}{\log r}$$

$\frac{b}{a} = \log r^0$

$$(\sqrt{r})^{\frac{b}{a}} = \sqrt{r} = \log r^0 = \log r^{\sqrt{r}} = \Delta \log r^{\sqrt{r}}$$

$$(\sqrt{r})^{\frac{b}{a}} = \frac{\Delta \log r^{\sqrt{r}}}{r} = \frac{\Delta}{r}$$

also.

