

تاریخ شماره ۲

عزیزان حاج علیزاده

$$1 - \log_c b = 2 \quad c^{-1} = -b \quad -cb = 1 \quad t^2 + \frac{t}{2} + 1 = 0 \quad c = \frac{1}{2}$$

$$\log_c b = -1 \quad \frac{1}{c} = -b \quad cb = -1 \quad t^2 + 3t - 4 = 0 \quad b = -2$$

$$1 - \log_c^{-1} a - b = 0 \quad \frac{t}{2} = -\frac{t}{2} a \quad (a+c)b = (1 + \frac{1}{2}) \cdot 2 = \boxed{-2}$$

$$c = -1, a - b = 0 \quad a = 1$$

$$\frac{1}{2} = -\frac{t}{2} a + 2$$

$$1 + c \times \mu^{a+b} = 0 \quad c \times \mu^{a+b} = -1$$

$$1 + c \times \mu^a = \frac{t}{\mu} \quad c \times \mu^a = \frac{-1}{\mu} \div = \mu^b = \mu \quad \mu^{-b} = \mu^{-1} = \frac{1}{\mu}$$

$$1 + c \times \mu^{a-b} = ? \quad \frac{-1}{\mu} \times \frac{1}{\mu} = \frac{-1}{\mu^2}$$

$$1 + \left(\frac{-1}{\mu^2}\right) = \boxed{\frac{\mu^2 - 1}{\mu^2}}$$

$$c + \log_a b = 2 \quad \log_a b - \log_a \mu^{ka+b} = 2 \quad da = -2b$$

$$c + \log_a \mu^{ka+b} = 0 \quad \frac{b}{\mu^{ka+b}} = 2a \quad a = \frac{-2}{a} b$$

$$c = -\log_a \mu^{ka+b} \quad \frac{a}{b} = \frac{-2}{a} b = \frac{-2}{a}$$

$$90a + 2ab = b \quad 90a = -2ab$$

$$|x^2 - 2| - x > 0 \quad \left. \begin{matrix} x > \sqrt{2} \\ x < -\sqrt{2} \end{matrix} \right\} x^2 - x - 2 > 0 \quad (x-2)(x+1) > 0$$

$$-2 \quad -\sqrt{2} - 1 \quad 1 \quad \sqrt{2} \quad 2$$

$$-\sqrt{2} < x < \sqrt{2} \rightarrow x^2 + x - 2 < 0 \quad \frac{-1}{1} \quad \frac{2}{1}$$

$$(x+2)(x-1)$$

$$D_f = \mathbb{R} - [1, 2]$$

$$2 + 2^{b-a} = 5 \quad 2 + 2^{b+a} = 10$$

$$2^{b-a} = 3 \quad 2^{b+a} = 8$$

$$b-a = 1 \quad b+a = 3$$

$$b+a = 3$$

$$2^b = 5 \quad 2^{b-a} = 5 - 2 = 3$$

$$b = 2 \quad a = 1$$

$$-r + \left(\frac{1}{r}\right)^{A+B} = 0$$

$$\left(\frac{1}{r}\right)^{A+B} = r$$

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

$$-A-B=1$$

$$-rA-B=r$$

$$-A=1 \quad A=-1 \quad B=0$$

$$-r + \left(\frac{1}{r}\right)^{A+B} = r$$

$$\left(\frac{1}{r}\right)^{A+B} = r$$

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

$$-rA-B=r$$

$$-r + \left(\frac{1}{r}\right)^{A+B}$$

$$-r + \left(\frac{1}{r}\right)^{-r} = -r + r = 0$$

$$P = P_0 \times e^{kt}$$

$$\frac{1}{9} P_0 = P_0 \times e^{\frac{t}{9}}$$

$$\frac{1}{9} = e^{\frac{t}{9}}$$

$$P = P_0 \times e^{kt}$$

$$\frac{1}{v} P_0 = P_0 \times e^{\frac{t}{\lambda}}$$

$$\frac{1}{v} = e^{\frac{t}{\lambda}}$$

$$\text{الف : } x^{\log_a a} = x^r$$

