



Subject

Date : Year:

Month:

Day:

Date in lid

$$\log_{1r}^y = \frac{\log_{\xi}^y}{\log_{\xi}^{1r}} = \frac{\log_{\xi}^r + \log_{\xi}^r}{\log_{\xi}^r + \log_{\xi}^r} = \frac{\frac{1}{r} + \log_{\xi}^r}{1 + \log_{\xi}^r} = \frac{\frac{1}{r} + \frac{\Delta}{1r}}{1 + \frac{\Delta}{1r}} = \frac{1r}{1r} = \boxed{\frac{1r}{1r}} \quad (9)$$

$$x = -1 \rightarrow a \log_r^r = a + b \log_r^r = 0 \rightarrow (a+b) \log_r^r = a \div a \rightarrow \left(1 + \frac{b}{a}\right) \log_r^r = 1 \quad (10)$$

$$\left(1 + \frac{b}{a}\right) = \frac{1}{\log_r^r} = \log_r^{10} \rightarrow \frac{b}{a} = \log_r^{10} - 1 = 1 + \log_r^a - 1 = \log_r^a = \frac{b}{a}$$

$$\sqrt{r}^{\log_r^a} = a \quad \log_r^{\sqrt{r}} = a \quad \frac{1}{2} = \boxed{\frac{1}{2}}$$