

$$\log_{\frac{1}{4}} 2 = -1 \quad \log_{\frac{1}{4}} 4 = 2 \quad \log_{\frac{1}{4}} 16 = 4 \Rightarrow \log_{\frac{1}{4}} 4 + \log_{\frac{1}{4}} 4$$

$$\log_{\frac{1}{4}} 2 + \log_{\frac{1}{4}} 2 = \log_{\frac{1}{4}} 4$$

$$0,1 + 0,1 = 0,2 = \frac{2}{10}$$

$$\frac{1}{5} \log_{\frac{1}{4}} 2 = 0,1$$

$$\log_{\frac{1}{4}} 2 = \frac{16}{10} \Rightarrow \log_{\frac{1}{4}} 2 \Rightarrow \frac{10}{16}$$

$$\frac{10}{14} \log_{\frac{1}{4}} 4 \Rightarrow \log_{\frac{1}{4}} 4 + \log_{\frac{1}{4}} 4$$

$$\frac{10}{14} \times \frac{10}{14} = \frac{100}{196} \Rightarrow \frac{14}{14}$$

$$\frac{24}{19} \Rightarrow \frac{14}{24}$$

$$(a \log r) x^r + a x + b \log r = 0$$

$$x = -1$$

$$x = \frac{-c}{a}$$

$$\frac{b}{a} = ?$$

$$a \log r - a + b \log r = 0$$

$$\frac{-b \log r}{a \log r} = \frac{-b}{a}$$

$$(a+b) \log r - a = 0$$

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

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

$$\frac{1}{\log r} = 10$$

$$\frac{1}{\log r} = \sqrt{10} \Rightarrow \frac{\sqrt{10}}{\sqrt{4}} = \sqrt{2.5}$$

$b' \log a' \quad b \log a'$