

مثلاً -

$$2 \log_{3^2} a + \log_a 3 = 2 \Rightarrow 2 \times \frac{1}{2} \times (\log_{3^2} a + \log_a 3) = 2 \quad t + \frac{1}{t} = 2$$

$$t^2 + 1 = 2t \Rightarrow t = 1$$

$$\log_{3^2} a = 1 \Rightarrow a = 3^4 = \textcircled{81}$$

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$$\log a = \log \frac{10}{2} \Rightarrow \log 10 - \log 2 \Rightarrow 1 - 0.3 = 0.7$$

$$\log \frac{10}{2} \Rightarrow \log 10 - \log 2 \Rightarrow 0.7 - 0.3 = 0.4$$

$$0.3x^2 + 0.1x - 1.1$$

$$\log 2^2 \Rightarrow 2 \log 2 \Rightarrow 2 \times 0.3 = 0.6$$

$$\log 2^2 \Rightarrow \log 2 + \log 2 = 0.6$$

$$\frac{0.3x^2 - 0.1x - 1.1}{0.3}$$

$$\boxed{\frac{1.4}{3}}$$