

امیر محمد علیان ← اسم تایید شد. صفر لحاظ مر شود!

نظر -

$$2 \log_{3^2} a + \log_a 3 = 2 \Rightarrow 2 \times \frac{1}{2} \times (\log_3 a + \log_a 3) = 2 \quad t + \frac{1}{t} = 2$$

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

$$\log_3 a = 1 \Rightarrow a = 3^1 = 3 \checkmark$$

ف

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

$$\log \frac{10}{3} \Rightarrow \log 10 - \log 3 \Rightarrow 1 - 0.477 = 0.523$$

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

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

$$\log 3 \times 5 \Rightarrow \log 3 + \log 5 = 1.1$$

$$\frac{-0.1 \pm \sqrt{0.01 - 4 \times (-0.3) \times (-1.1)}}{2 \times (-0.3)}$$

$$\boxed{\frac{1.4}{2}} \checkmark$$

PAN