

DISEQUAZIONI LOGARITMICHE

$$1) \log_{\sqrt{3}} x - 5 \log_3 x < 2$$

$$2) \log_{\sqrt[3]{2}} (x+5) - 6 \log_{\sqrt[5]{2}} (x+5) + 4 < 1$$

$$3) \log_{\sqrt[10]{2}} (20x^2 + 1) \leq \log_{\sqrt[10]{2}} (2-x)$$

$$4) \log_{\sqrt[4]{3}} (4x-3) \cdot \log_{\sqrt[3]{4}} x > 0$$