

1.107
K4

$$(4x^2+3) \log_{3x+4} 0.5 \geq 4 \log_{3x+4} 4^x$$

$$\log_{3x+4} 2^{-4x^2-3} \geq \log_{3x+4} 2^{8x}$$

$$(3x+4-1)(8x+4x^2+3) \leq 0$$

$$\downarrow \qquad \qquad \downarrow$$
$$x = -1 \qquad x = -\frac{1}{2}, -\frac{1}{2}$$

$$\begin{array}{c} + \qquad + \\ \hline -\frac{1}{2} \quad -1 \quad -\frac{1}{2} \end{array}$$

$$\boxed{-1 \leq x \leq -\frac{1}{2}} \\ x \leq -\frac{1}{2}$$

דבריה אחר

$$1 \neq 3x+4 > 0 \\ -1 \neq x > -\frac{1}{3}$$

$$\rightarrow -1 < x \leq -\frac{1}{2}$$