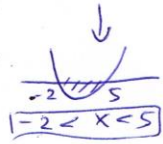


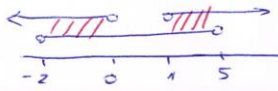
1.21
2

$$\begin{cases} 3^{2x} - 4 \cdot 3^x + 3 > 0 \rightarrow 3^x = t \rightarrow t^2 - 4t + 3 > 0 \\ x^2 - 3x - 10 < 0 \end{cases}$$



PH

$$\begin{aligned} t < 1 \quad || \quad t > 3 \\ 3^x < 1 \quad || \quad 3^x > 3 \\ \boxed{x < 0} \quad \quad \quad \boxed{x > 1} \end{aligned}$$



$$-2 < x < 0 \quad || \quad 1 < x < 5$$