

Решите

неравенства

1. $20^x - 64 \cdot 5^x - 4^x + 64 \leq 0$

2. $45^x - 27^x - 18 \cdot 15^x + 2 \cdot 9^{x+1} + 81 \cdot 5^x - 3^{x+4} \leq 0$

3. $2^{x^2} \leq 64 \cdot 2^x$

4. $16^{x+\frac{1}{4}} - 9 \cdot 4^{x-\frac{1}{2}} + 1 \geq 0$

5. $\frac{3}{(2^{2-x^2} - 1)^2} - \frac{4}{2^{2-x^2} - 1} + 1 \geq 0$