

Show the work neatly, clearly, systematically, and understandably.

1. (3) Solve: $|x+3| = 2x-1$.

3. (3) Solve: $x^4 \geq 9x^2$

4. (4) Solve : $\frac{x^3 + 2x^2 - x - 2}{x^2 - 4} \leq 0$

2. (3) Solve: $2x^{\frac{2}{3}} + 13x^{\frac{1}{3}} - 7 = 0$

5. (4) Solve: $\frac{x-2}{x-4} \leq \frac{x+4}{x-2}$

6. (5) Solve: $\sqrt{3x} - \sqrt{x+4} = 2$.