

Solving Quadratic Inequalities

L3S2

Solve each quadratic inequality.

1) $x^2 + 6x - 6 < 1$

2) $-4x^2 - 3 > -7x^2 + 5x - 5$

3) $2x^2 \leq 7x^2 + x$

$+ 6 \geq 2x^2 + 3$

5) $-x^2 - 2x - 5 \geq$

$6x + 1 \leq -8x^2 + 3x$

7) $4x^2 > x^2 + 3x + 6$

8) $7x^2 + 8x < 4x^2 + 3$

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