

Solving Quadratic Inequalities

L3S1

Solve each quadratic inequality.

1) $2x^2 + 2x - 8 > x^2$

2) $5x^2 + 11x + 3 < 2x^2 + x - 4$

3) $3x^2 - 5x \geq 4x$

PREVIEW

$+ 3x + 2$

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5) $-x^2 - 10x + 1$

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$> 3x^2 + x$

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7) $3x^2 + 7x \leq 5x^2 + 3x - 6$

8) $x^2 > 5x + 6$