Quadratic Inequalities · 1

Solve: $3x^2 + 30x + 27 > 0$

Quadratic Inequalities · 2

Solve: $-3x^2 - 51x - 216 \geq 0$

Quadratic Inequalities · 3

Solve: $x^2 - 17x > -72$

Quadratic Inequalities · 4

Solve: $x^2 + 11 \leq 0$

Quadratic Inequalities · 5

Solve: $-2x^2 + 20x - 18 < 0$

Quadratic Inequalities · 6

Solve: $4x^2 + 8x - 60 > 0$

Quadratic Inequalities · 7

Solve: $x^2 + 12x + 36 < 0$

Quadratic Inequalities · 8

Solve: $x^2 + 7x \leq -10$

Quadratic Inequalities · 2

ANSWER

$-9 \leq x \leq -8$

Quadratic Inequalities · 1

ANSWER

$x < -9$ or $x > -1$

Quadratic Inequalities · 4

ANSWER

no solution

Quadratic Inequalities · 3

ANSWER

$x < 8$ or $x > 9$

Quadratic Inequalities · 6

ANSWER

$x < -5$ or $x > 3$

Quadratic Inequalities · 5

ANSWER

$x < 1$ or $x > 9$

Quadratic Inequalities · 8

ANSWER

$-5 \leq x \leq -2$

Quadratic Inequalities · 7

ANSWER

no solution

Quadratic Inequalities · 9

Solve: $3x^2 - 42x + 135 \leq 0$

Quadratic Inequalities · 10

Solve: $-2x^2 + 2x + 24 < 0$

Quadratic Inequalities · 11

Solve: $x^2 - 7x > -12$

Quadratic Inequalities · 12

Solve: $x^2 + 2x + 1 \leq 0$

Quadratic Inequalities · 13

Solve: $-3x^2 - 12x - 9 \leq 0$

Quadratic Inequalities · 14

Solve: $4x^2 + 16x < 0$

Quadratic Inequalities · 15

Solve: $x^2 + 2 \geq 0$

Quadratic Inequalities · 16

Solve: $x^2 - 7x \leq -10$

Quadratic Inequalities · 10

ANSWER

$x < -3$ or $x > 4$

Quadratic Inequalities · 9

ANSWER

$5 \leq x \leq 9$

Quadratic Inequalities · 12

ANSWER

$x = -1$

Quadratic Inequalities · 11

ANSWER

$x < 3$ or $x > 4$

Quadratic Inequalities · 14

ANSWER

$-4 < x < 0$

Quadratic Inequalities · 13

ANSWER

$x \leq -3$ or $x \geq -1$

Quadratic Inequalities · 16

ANSWER

$2 \leq x \leq 5$

Quadratic Inequalities · 15

ANSWER

all real numbers

Quadratic Inequalities · 17

Solve: $4x^2 - 16x - 20 \geq 0$

Quadratic Inequalities · 18

Solve: $-3x^2 + 30x - 72 < 0$

Quadratic Inequalities · 19

Solve: $-3x^2 - 33x - 84 > 0$

Quadratic Inequalities · 20

Solve: $5x^2 - 20x + 15 \geq 0$

Quadratic Inequalities · 21

Solve: $x^2 + 4 \leq 0$

Quadratic Inequalities · 22

Solve: $x^2 + 8x \leq -12$

Quadratic Inequalities · 23

Solve: $5x^2 - 65x + 180 \leq 0$

Quadratic Inequalities · 24

Solve: $-x^2 + 15x - 56 < 0$

Quadratic Inequalities · 18

ANSWER

$x < 4$ or $x > 6$

Quadratic Inequalities · 17

ANSWER

$x \leq -1$ or $x \geq 5$

Quadratic Inequalities · 20

ANSWER

$x \leq 1$ or $x \geq 3$

Quadratic Inequalities · 19

ANSWER

$-7 < x < -4$

Quadratic Inequalities · 22

ANSWER

$-6 \leq x \leq -2$

Quadratic Inequalities · 21

ANSWER

no solution

Quadratic Inequalities · 24

ANSWER

$x < 7$ or $x > 8$

Quadratic Inequalities · 23

ANSWER

$4 \leq x \leq 9$