

Inequalities

Problems and Answers.

Answers

Solve the inequality #1

$$\frac{(-6x+24)*(-9x-63)}{(-5x-10)*(8x+8)} > 0$$

Solve the inequality #2

$$\frac{(-3x+9)*(-9x-63)}{(-11x-44)*(9x+9)} > 0$$

Solve the inequality #3

$$\frac{(-4x+16)*(-11x-99)}{(-11x-44)*(9x+9)} > 0$$

Solve the inequality #4

$$\frac{(-4x+8)*(-9x-54)}{(-11x-44)*(9x+9)} > 0$$

Solve the inequality #5

$$\frac{(-9x+63)*(-11x-99)}{(-4x-12)*(12x+12)} > 0$$

Solve the inequality #6

$$\frac{(-12x+72)*(-8x-72)}{(-14x-42)*(8x+8)} > 0$$

Solve the inequality #7

$$\frac{(-9x+63)*(-4x-32)}{(-15x-30)*(13x+13)} > 0$$

Solve the inequality #8

$$\frac{(-9x+36)*(-5x-30)}{(-10x-30)*(19x+19)} > 0$$

Solve the inequality #9

$$\frac{(-4x+24)*(-10x-70)}{(-19x-95)*(4x+4)} > 0$$

Solve the inequality #10

$$\frac{(-5x+35)*(-16x-96)}{(-7x-28)*(21x+21)} > 0$$

Inequalities

Problems and Answers.

Solve the inequality #1

$$\frac{(-6x+24)*(-9x-63)}{(-5x-10)*(8x+8)} > 0$$

$$x: (-7;-2) \cup (-1;4)$$

Solve the inequality #2

$$\frac{(-3x+9)*(-9x-63)}{(-11x-44)*(9x+9)} > 0$$

$$x: (-7;-4) \cup (-1;3)$$

Solve the inequality #3

$$\frac{(-4x+16)*(-11x-99)}{(-11x-44)*(9x+9)} > 0$$

$$x: (-9;-4) \cup (-1;4)$$

Solve the inequality #4

$$\frac{(-4x+8)*(-9x-54)}{(-11x-44)*(9x+9)} > 0$$

$$x: (-6;-4) \cup (-1;2)$$

Solve the inequality #5

$$\frac{(-9x+63)*(-11x-99)}{(-4x-12)*(12x+12)} > 0$$

$$x: (-9;-3) \cup (-1;7)$$

Solve the inequality #6

$$\frac{(-12x+72)*(-8x-72)}{(-14x-42)*(8x+8)} > 0$$

$$x: (-9;-3) \cup (-1;6)$$

Solve the inequality #7

$$\frac{(-9x+63)*(-4x-32)}{(-15x-30)*(13x+13)} > 0$$

$$x: (-8;-2) \cup (-1;7)$$

Solve the inequality #8

$$\frac{(-9x+36)*(-5x-30)}{(-10x-30)*(19x+19)} > 0$$

$$x: (-6;-3) \cup (-1;4)$$

Solve the inequality #9

$$\frac{(-4x+24)*(-10x-70)}{(-19x-95)*(4x+4)} > 0$$

$$x: (-7;-5) \cup (-1;6)$$

Solve the inequality #10

$$\frac{(-5x+35)*(-16x-96)}{(-7x-28)*(21x+21)} > 0$$

$$x: (-6;-4) \cup (-1;7)$$