

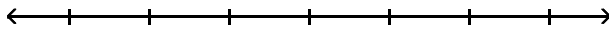
# Linear Inequalities

Name \_\_\_\_\_

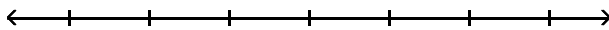
Class \_\_\_\_\_ Date \_\_\_\_\_

Solve the inequality and graph the solution on a number line.

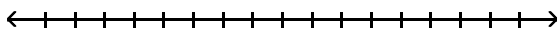
1)  $-11x - 12 > -12x - 20$



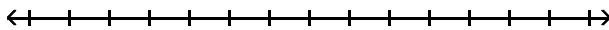
2)  $1 - 6x - 11 \geq -7x - 4$



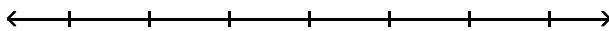
3)  $-6x - 4 \leq -2(2x + 1)$



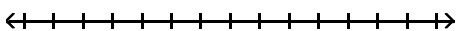
4)  $-4(6x + 5) < -28x - 32$



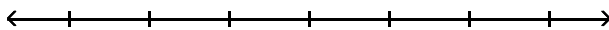
5)  $4x + 6 > 3x + 18$



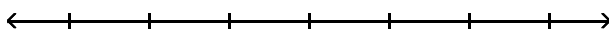
6)  $1.4x + 30.8 < 4.4x + 9.8$



7)  $8x - 6 > 7x - 16$



8)  $-12 + 4x - 8 \geq 3x - 10$



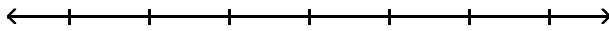
# Linear Inequalities

Name \_\_\_\_\_

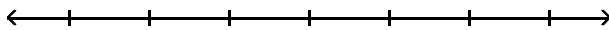
Class \_\_\_\_\_ Date \_\_\_\_\_

Solve the inequality and graph the solution on a number line.

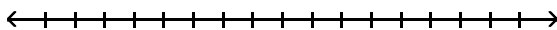
1)  $-9x - 3 > -10x - 7$



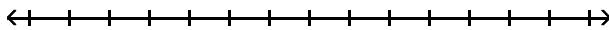
2)  $-5 - 9x - 5 \geq -10x + 1$



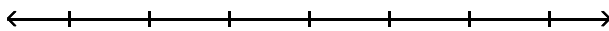
3)  $-20x + 15 \leq -5(3x + 6)$



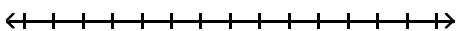
4)  $-6(6x - 2) < -42x + 48$



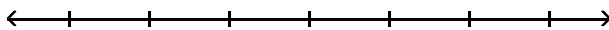
5)  $-4x - 7 > -5x - 3$



6)  $1.1x + 16.5 < 3.3x + 5.5$



7)  $8x + 2 > 7x + 11$



8)  $8 + 5x + 8 \geq 4x + 18$

