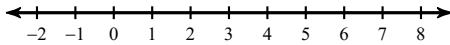


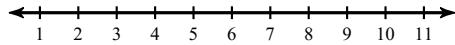
2.1 Solving Inequalities

Solve each inequality and write the solution in set and interval notation and graph its solution.

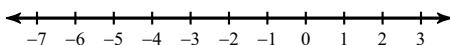
1) $-1 - 8(v - 1) < -7v + 1$



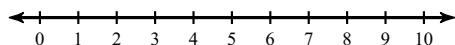
2) $-n + 20 > 8(n - 2)$



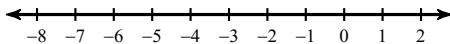
3) $-2 - 6x > 2x - 6(4 + 5x)$



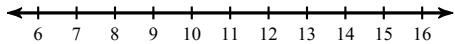
4) $6(-8 + x) - 7 \leq -35 + x$



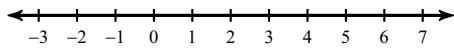
5) $4(n - 8) < -31 + 5n$



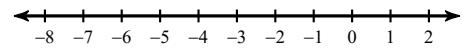
6) $5x + 31 > -5(-x - 7)$



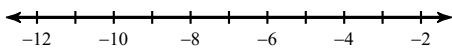
$$7) -30 - 6x \geq 8(1 + 4x)$$



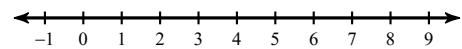
$$8) -8(6x + 1) > -x - 8$$



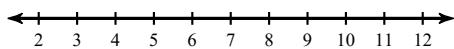
$$9) -2(-5v - 5) \geq -20 + 5v$$



$$10) -4(6r - 7) > -7r - 40$$



$$11) 5r + 38 > 5(r + 6)$$



$$12) -3 - 5n \leq 2(n + 2)$$

