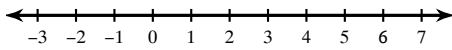


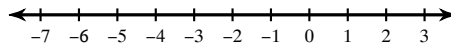
Solving Inequalities Algebraically

Solve each inequality and graph its solution.

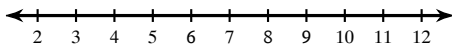
1) $-2 + 2x + 6x > 6$



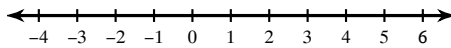
2) $1 - n + 3n \leq -9$



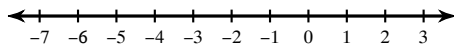
3) $90 \leq 5(4n + 2)$



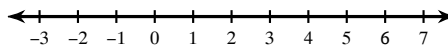
4) $52 \leq 3(5n - 4) + n$



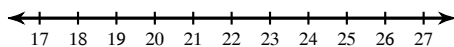
$$5) -7 - 5r \geq -7(1 + 7r)$$



$$6) 3x + 33 > 2(8x - 3)$$



$$7) 9(n - 3) + 4(2n - 4) \geq 1 + 7n + 8n$$



$$8) 2(-3a + 12) - 10a \leq -11(a + 2) + 1$$

