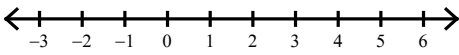


## Assignment 3: Solving Inequalities

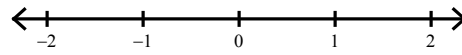
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

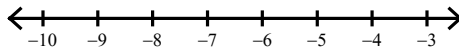
1)  $-8 > -3m - 5m$



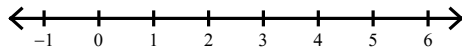
2)  $3n - 6 + 2 \leq -4$



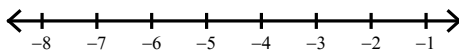
3)  $4r - 5r \geq 6$



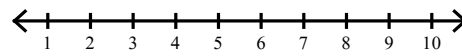
4)  $5 \leq 1 + 3x + x$



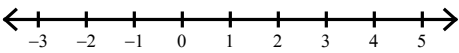
5)  $-6 \leq n + n$



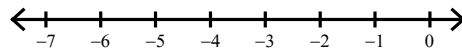
6)  $16 \leq 3b - 6 + 4$



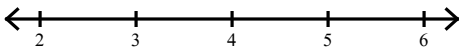
7)  $-3v - v > 0$



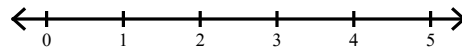
8)  $5 \leq x + 4 + 5$



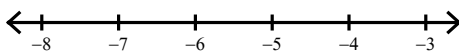
9)  $1 - 3x + 3 \leq -8$



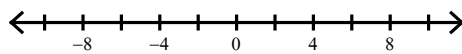
10)  $-3a - 4a \geq -14$



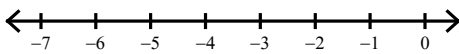
11)  $-4(b - 7) < -7b + 13$



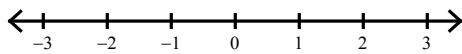
12)  $5(v - 7) < 5v - 35$



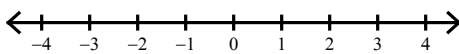
13)  $-9 + 3n > -2(-7n - 6) + 1$



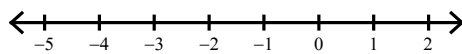
14)  $2 - 2x < -6(-8 + 8x)$



15)  $4 + 2a \geq -5 + 7(-8a - 7)$



16)  $7(1 - 7x) < 6x + 7$

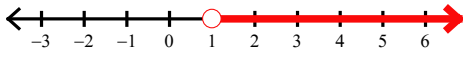


## Assignment 3: Solving Inequalities

Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

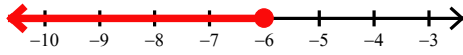
1)  $-8 > -3m - 5m$



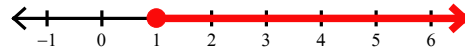
2)  $3n - 6 + 2 \leq -4$



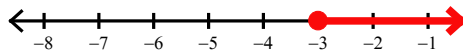
3)  $4r - 5r \geq 6$



4)  $5 \leq 1 + 3x + x$



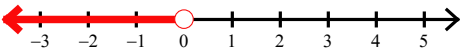
5)  $-6 \leq n + n$



6)  $16 \leq 3b - 6 + 4$



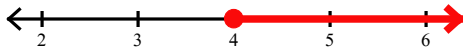
7)  $-3v - v > 0$



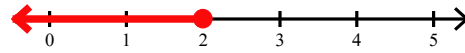
8)  $5 \leq x + 4 + 5$



9)  $1 - 3x + 3 \leq -8$



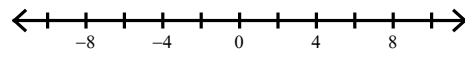
10)  $-3a - 4a \geq -14$



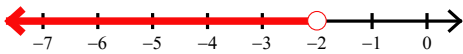
11)  $-4(b - 7) < -7b + 13$



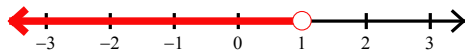
12)  $5(v - 7) < 5v - 35$



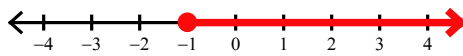
13)  $-9 + 3n > -2(-7n - 6) + 1$



14)  $2 - 2x < -6(-8 + 8x)$



15)  $4 + 2a \geq -5 + 7(-8a - 7)$



16)  $7(1 - 7x) < 6x + 7$

