

# 2.5 Solving Inequalities

Name: \_\_\_\_\_

Score: \_\_\_\_\_

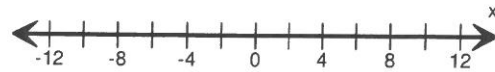
## Multi-step Inequalities

Solve each inequality and graph the solutions:

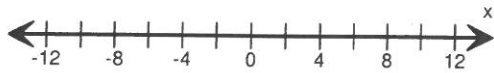
1)  $5x - 28 < 2x + 2$



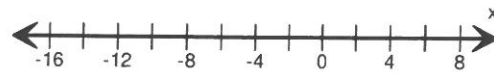
2)  $-7x + 42 \geq 3x + 2$



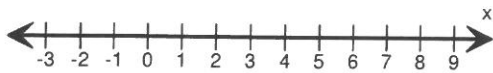
3)  $17x + 15 > 2x - 45$



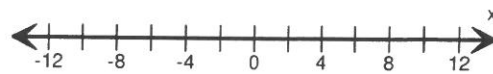
4)  $11x + 73 \leq 2x + 1$



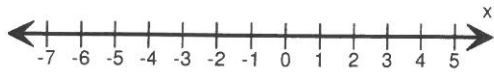
5)  $6x + 32 \leq 12x - 4$



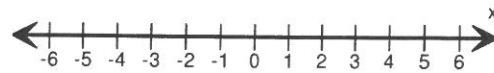
6)  $8x + 3 > 9x + 7$



7)  $-14x + 2 \geq -12x + 8$



8)  $20x - 16 < 5x - 1$



9)  $2x - 8 < -3x + 2$



10)  $-5x - 1 \geq -x + 15$

