Linear Inequalities

Name: _____   **Date**: _____   **Score**: _____

> Direction: Solve each linear inequality. Show all your work in the space provided.

1) $-3x+7 < -x+19$

2) $6(4x-3) \leq 3(5x+9)$

3) $10(x-1)-7 \geq 2(x-12)-9$

4) $-2(7x+11)-5(x+10) > 1-9x+7-5x$

Name: _____

Date: _____

Score: _____

Direction: Solve each linear inequality. Show all your work in the space provided.

1) $-3x + 7 < -x + 19$

$x > -6$

2) $6(4x - 3) \leq 3(5x + 9)$

$x \leq 5$

3) $10(x - 1) - 7 \geq 2(x - 12) - 9$

$x \geq -2$

4) $-2(7x + 11) - 5(x + 10) > 1 - 9x + 7 - 5x$

$x < -16$