Fill in the Blanks — Solving Systems of Inequalities

First Inequality	Solution to 1st Inequality	2nd Inequality	Solution to 2nd Inequality	Combined Solution
$2x - 1 \geq 4x + 3$		$3(7 + x) > 6$		$-5 < x \leq -2$
$\dfrac{3 + 2x}{4} < 3$		$5x - 2 < 5 + x$		
$3(x - 3) > 2x - 11$		$5 - x \leq 7 - 4x$		
$7(2x + 1) > 4x - 3$		$x^2 - 2x - 8 \leq 0$		
$x^2 - 7x + 10 < 0$		$6(1 - x) \leq 0$		
$\dfrac{5x + 1}{8} > 2$		$2x^2 - 9x \geq 5$		
$2(2 - 3x^2) \geq 5x$		$12 - 5x < 9 - 2x$		
$2x^2 < 50$		$5x(x - 6) \leq 8x - 21$		