

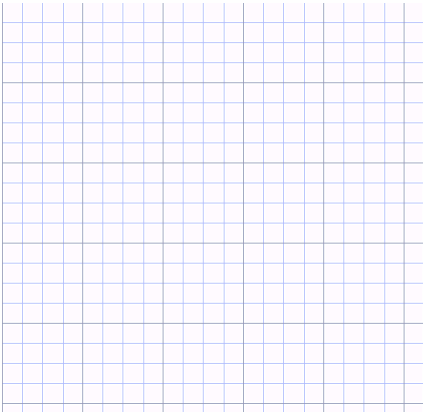
Name: _____

Period: _____ Date: _____

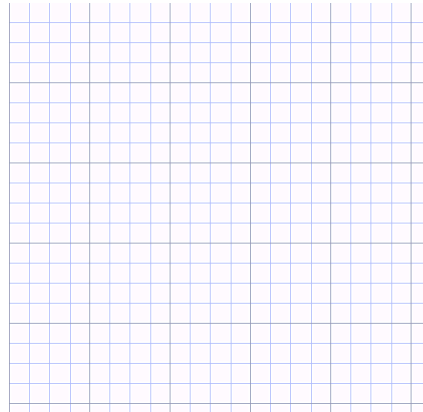
Solving Linear Inequalities by Graphing

Section I. Graph the inequalities on the coordinate plane. Shade the solution region.

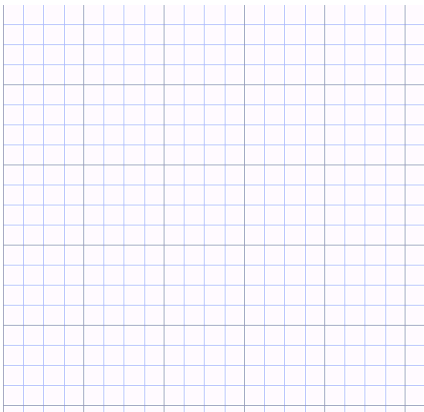
1. $y \geq x + 3$
 $y < 2x - 3$



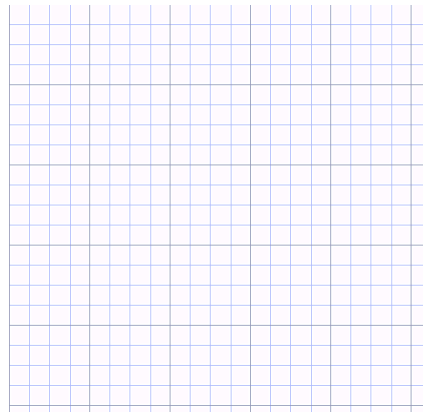
2. $y \leq -x + 1$
 $y < -x + 5$



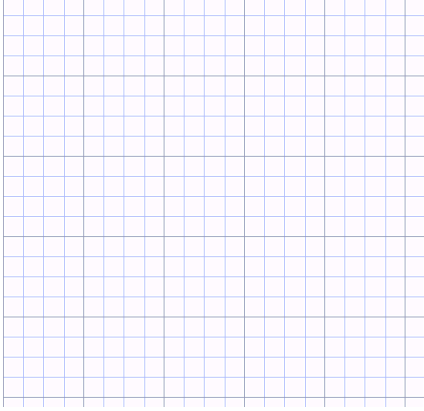
3. $y > 2x - 4$
 $y \leq 2x + 8$



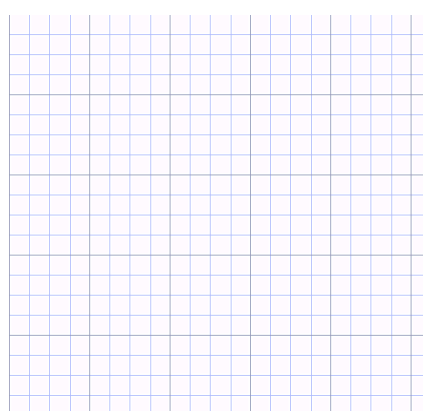
4. $y < -x + 3$
 $y \geq 3x - 4$



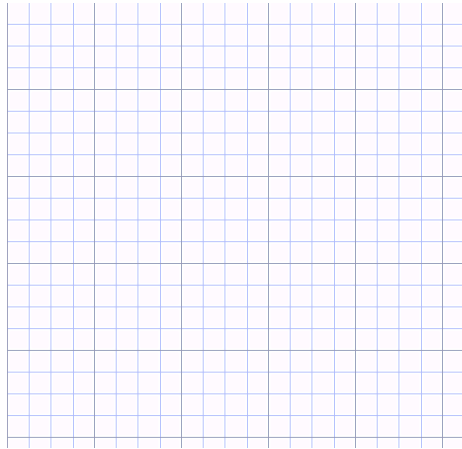
5. $y > 3x - 4$
 $y \leq -3x + 5$



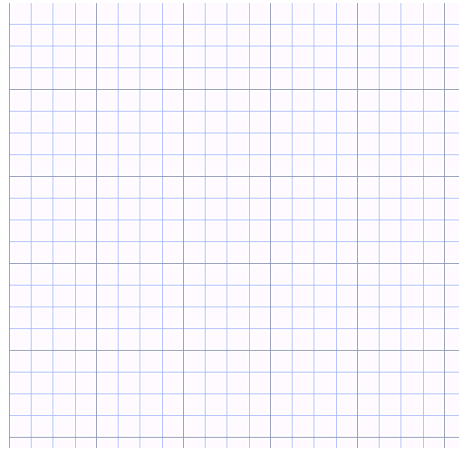
6. $y \geq 5x - 7$
 $y \leq -3x + 6$



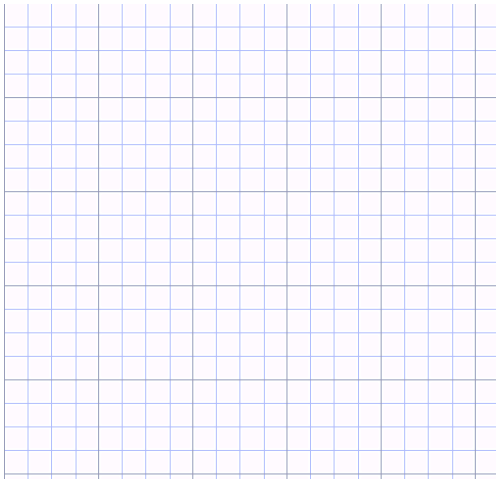
7. $x+2y \geq -4$
 $3x+2y \leq 4$



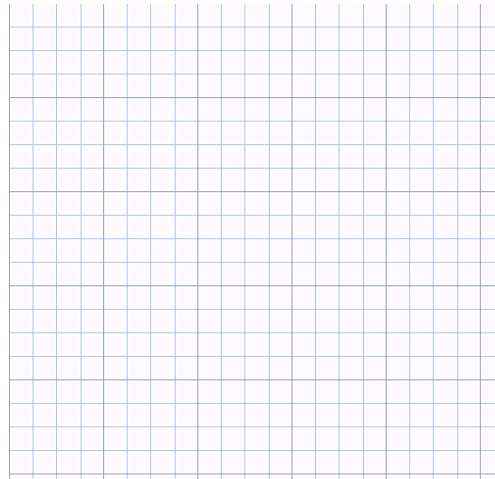
8. $5x-y > 2$
 $3x-6y < 12$



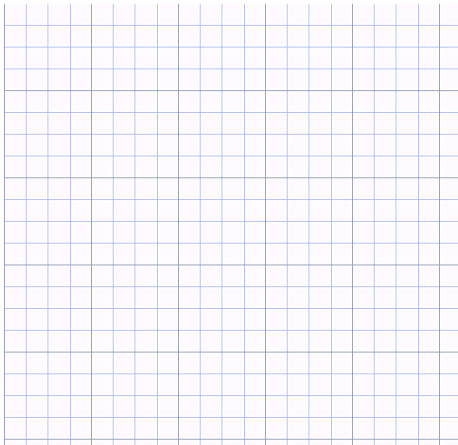
9. $3x+5y < 6$
 $2x+y \leq 18$



10. $2x+3y < 6$
 $y \geq 12x-5$



11. $12x-y > -6$
 $-2x+y \leq 6$



12. $-3x-y > -1$
 $2x+4y \geq -16$

