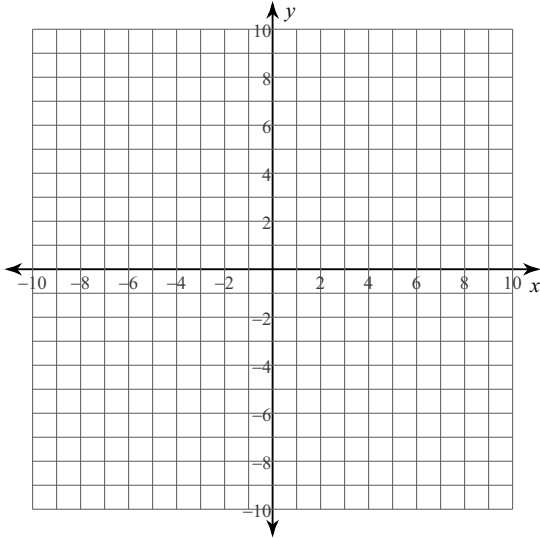


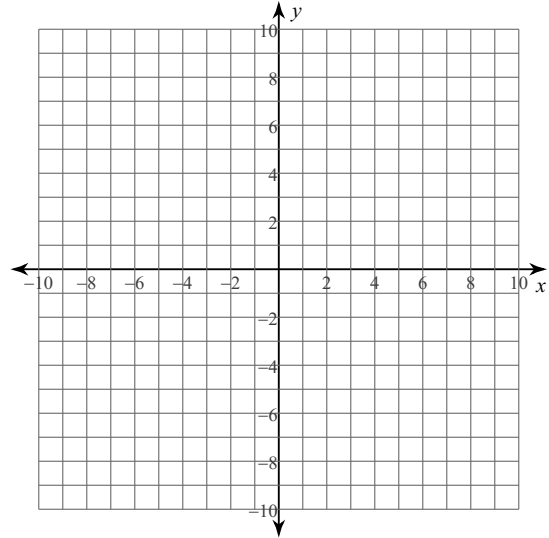
Challenge Me - Problem Set

Sketch the solution to each system of inequalities.

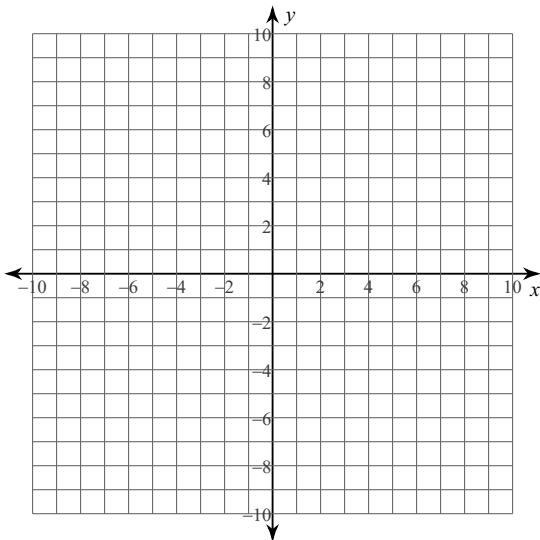
1) $x + 2y \leq 8$
 $x + 2y \leq 14$



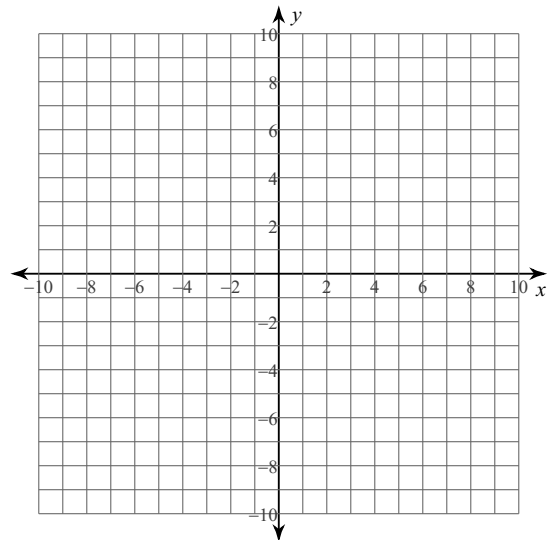
2) $13x - 3y > 21$
 $x - 3y \leq -15$



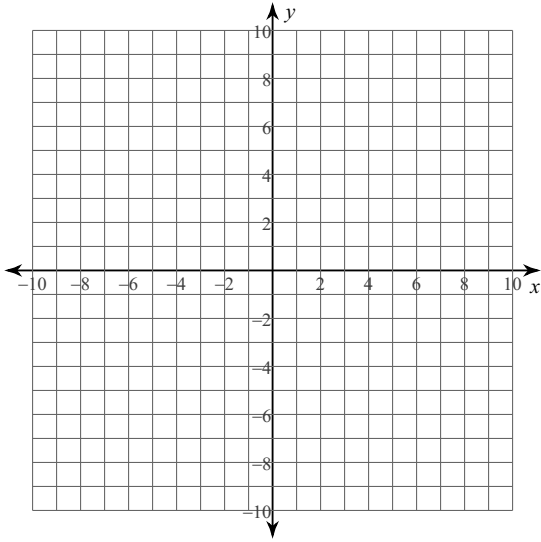
3) $10x + y > 7$
 $10x + y < 3$



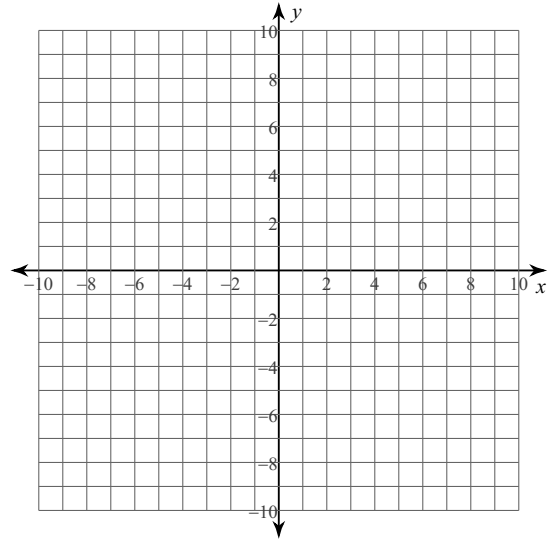
4) $3x - 2y < -4$
 $x - 2y > 4$



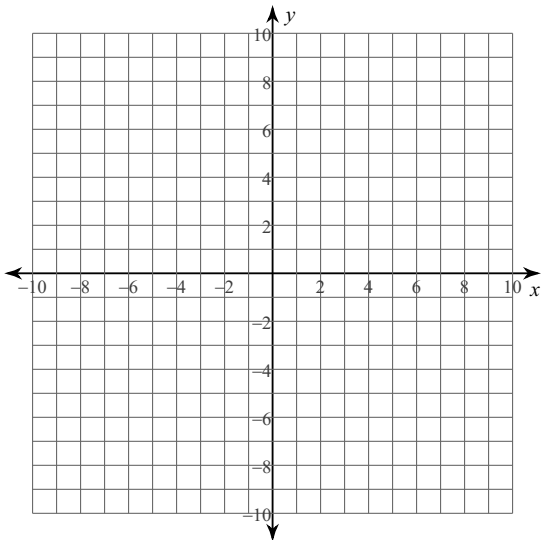
5) $8x - 5y < -20$
 $4x + 5y \geq -40$



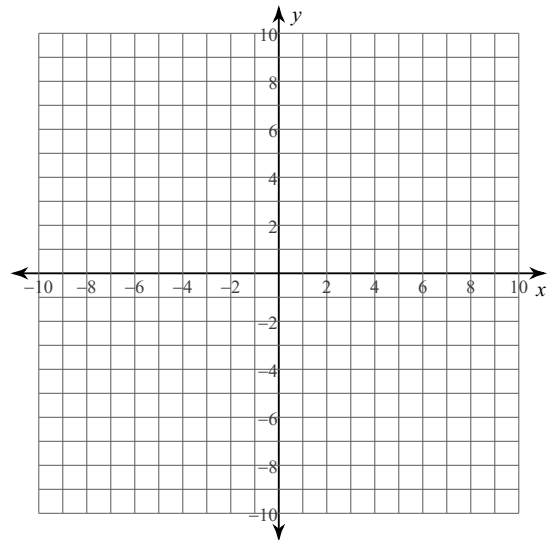
6) $x > -2$
 $3x + 2y < -8$



7) $x + 6y > -24$
 $2x + y \geq 7$

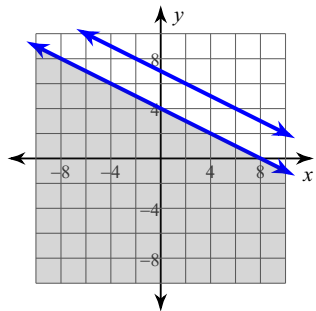


8) $x + y < 3$
 $x - 6y < 24$

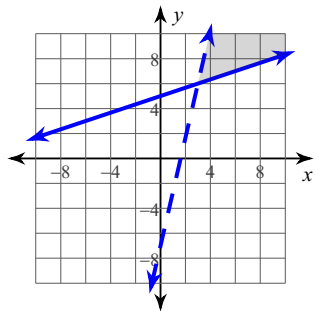


Answers to Challenge Me - Problem Set

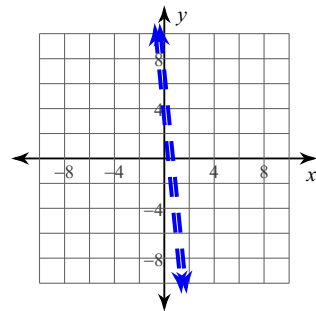
1)



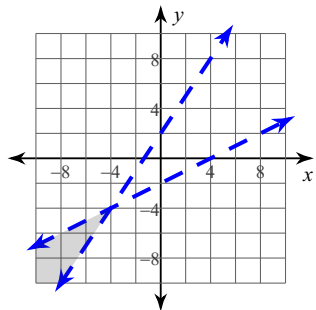
2)



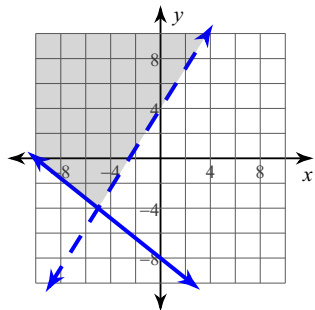
3)



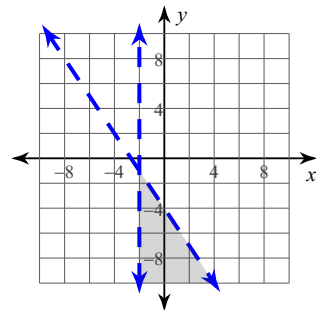
4)



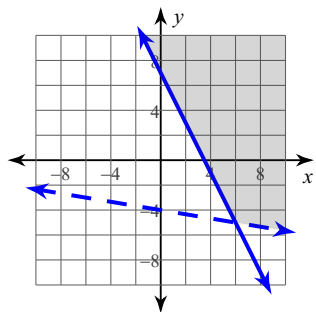
5)



6)



7)



8)

