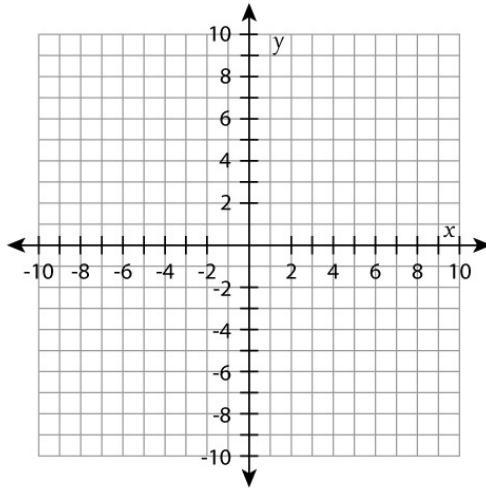


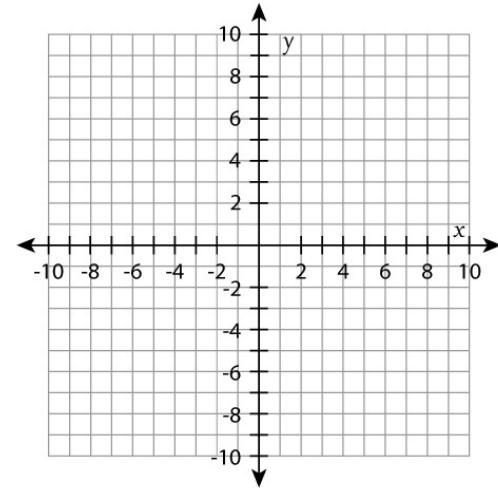
# Graphing Systems of Linear Inequalities

Graph the following system of linear inequalities.

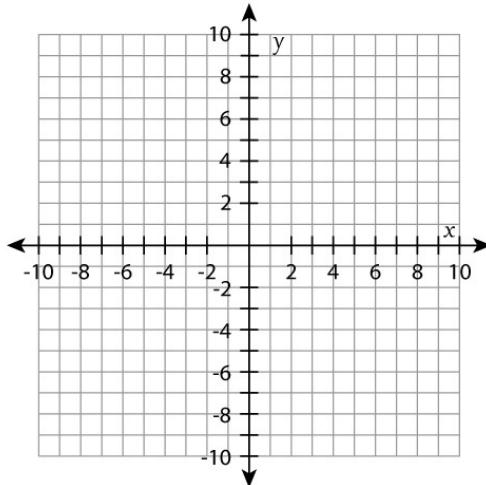
1  $x - 2y \geq 4$   
 $2x - y \geq -2$



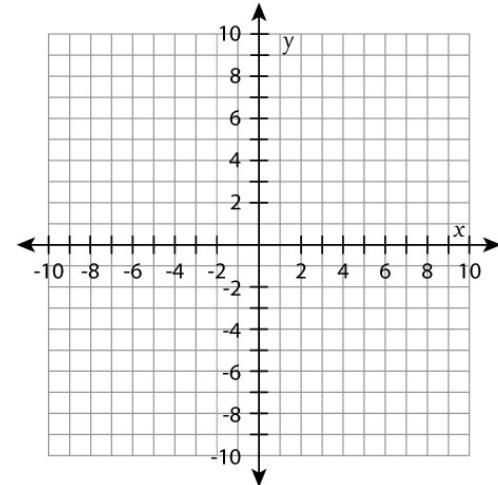
2  $y \leq -x - 2$   
 $y \geq -5x + 2$



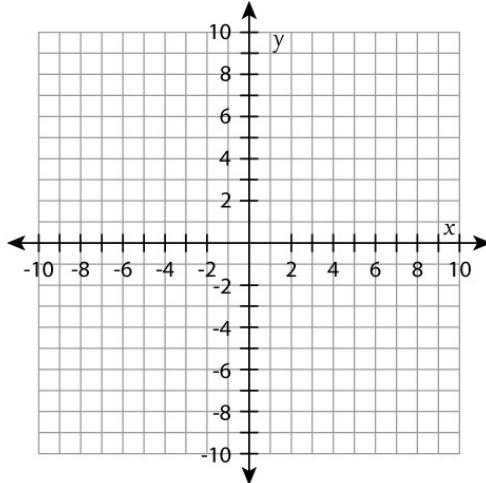
3  $y \geq \frac{2}{3}x + 3$   
 $y > -\frac{4}{3}x - 3$



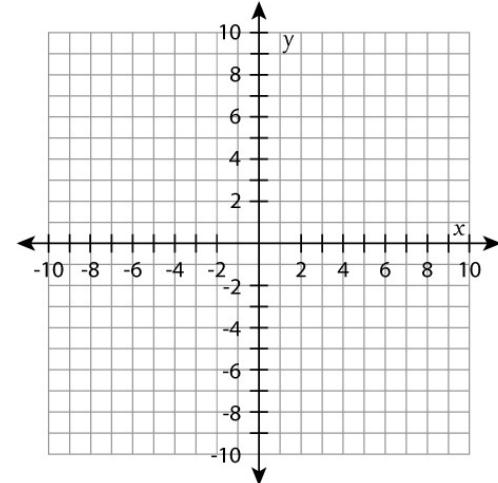
4  $x \leq -3$   
 $y \geq \frac{5}{3}x + 2$



5  $4x + 3y > -6$   
 $x - 3y \leq -9$



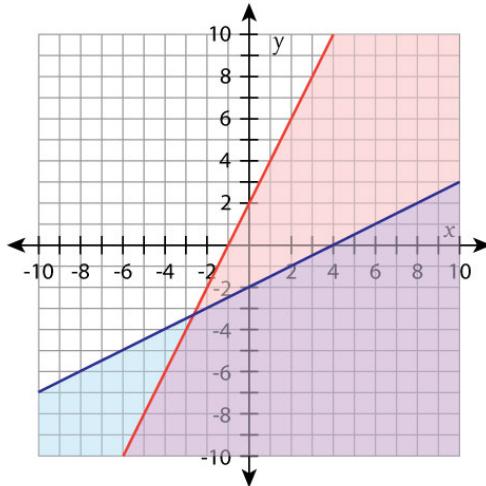
6  $x \leq -3$   
 $5x + 3y \geq -9$



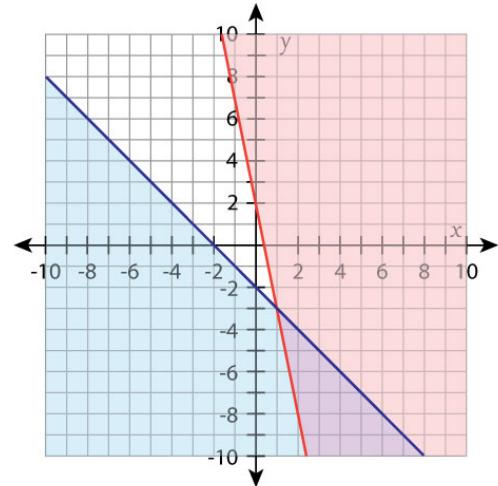
# Graphing Systems of Linear Inequalities

## Answers

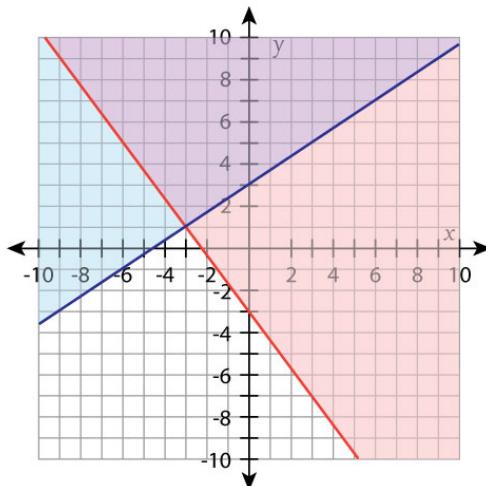
1  $x - 2y \geq 4$   
 $2x - y \geq -2$



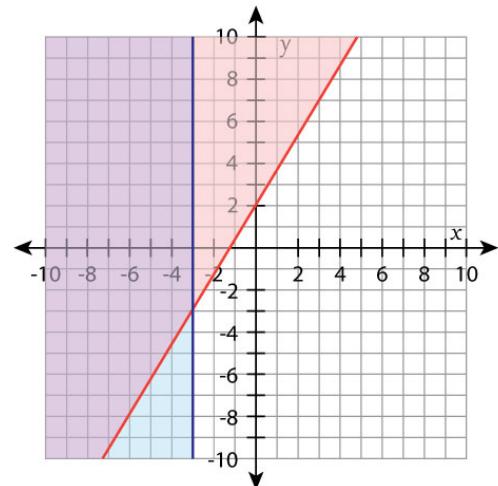
2  $y \leq -x - 2$   
 $y \geq -5x + 2$



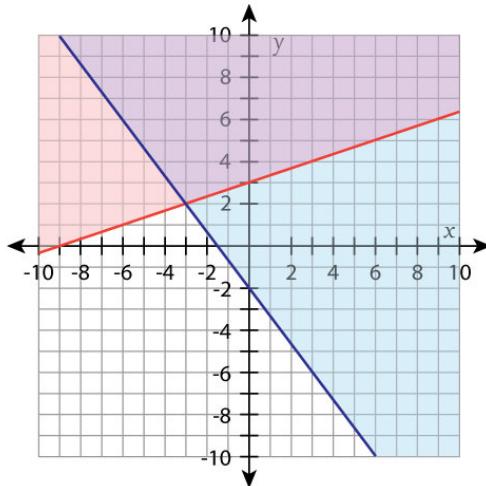
3  $y \geq \frac{2}{3}x + 3$   
 $y > -\frac{4}{3}x - 3$



4  $x \leq -3$   
 $y \geq \frac{5}{3}x + 2$



5  $4x + 3y > -6$   
 $x - 3y \leq -9$



6  $x \leq -3$   
 $5x + 3y \geq -9$

