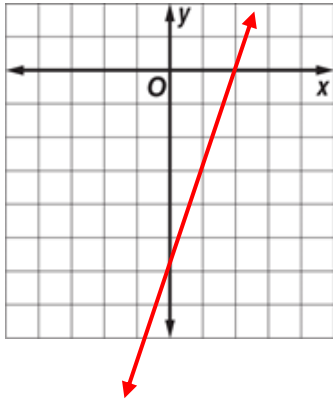


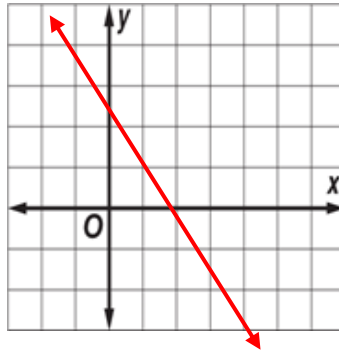
Chapter 2 – Graphing Answers

Find the x-intercept and the y-intercept of the graph of each equation. Then graph the equation using the intercepts.

1. $y = 3x - 6$

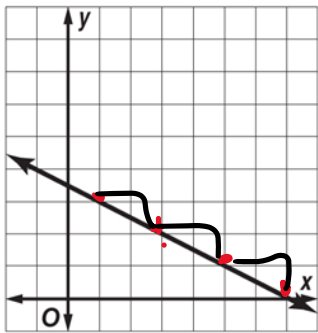


2) $-6y + 14 = 8x$



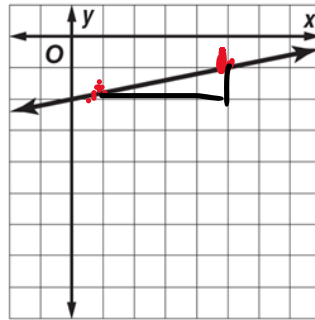
Determine the rate of change of each graph.

1.



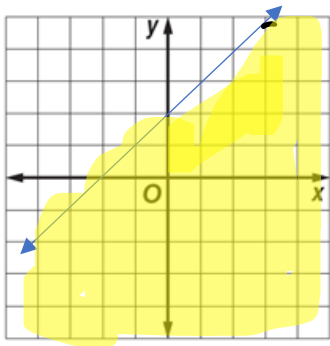
$m = -\frac{1}{2}$

2.

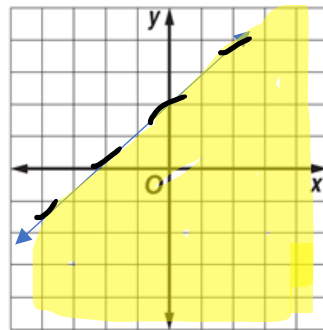


$m = \frac{1}{5}$

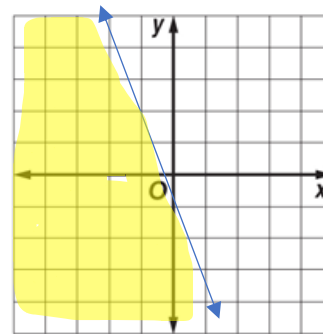
1) $y \leq x + 2$



2) $x - y > -2$



3) $9x + 3y \leq 0$

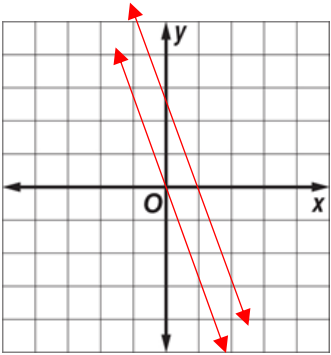


Chapter 3

Graph each system of equations and state the solution.

1. $y = -3x$

$y = -3x + 2$

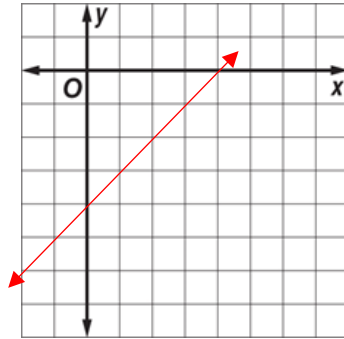


Parallel Lines

No Solution

2) $y = x - 5$

$-2x + 2y = -10$

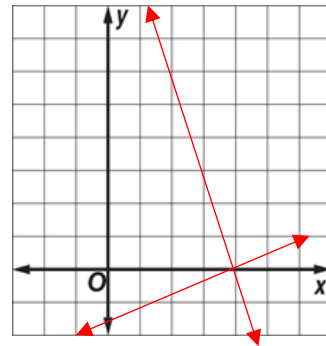


Coinciding Lines

Infinitely Many Solutions

3) $2x - 5y = 10$

$3x + y = 15$



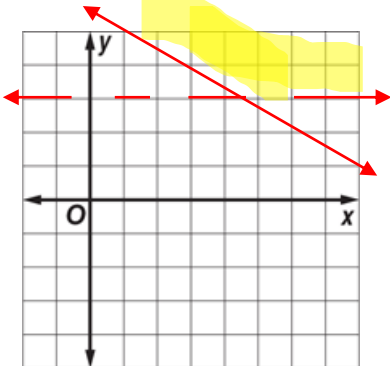
Intersecting Lines

(5,0)

Practice: Solve each system of inequalities by graphing.

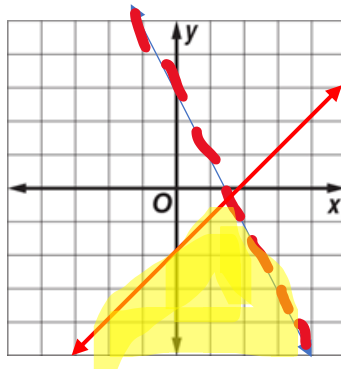
1. $y > 3$

$x + 2y \geq 12$



2) $y < -2x + 3$

$y \leq x - 2$



3) $x - y \leq 4$

$2x + y > 4$

