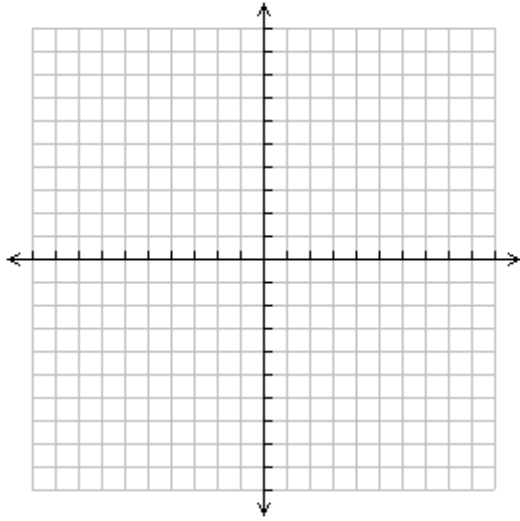


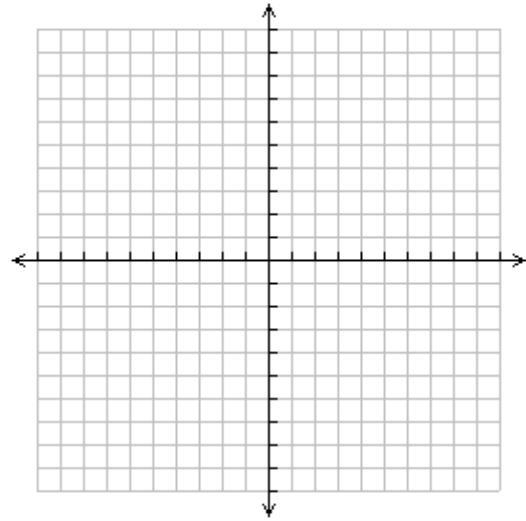
## Assignment 6.7 – System of equations

Solve the system of equations by graphing.

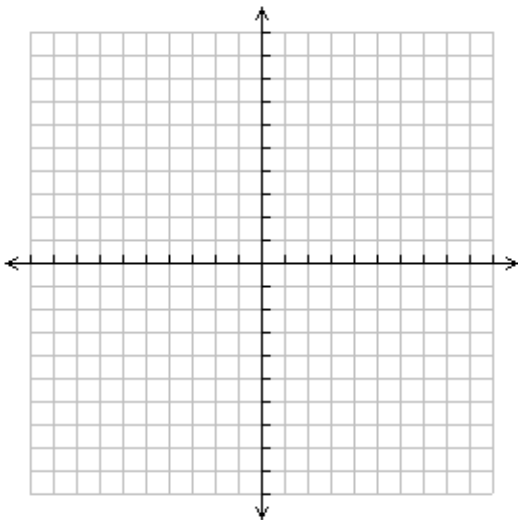
1.  $y < 3x - 1$



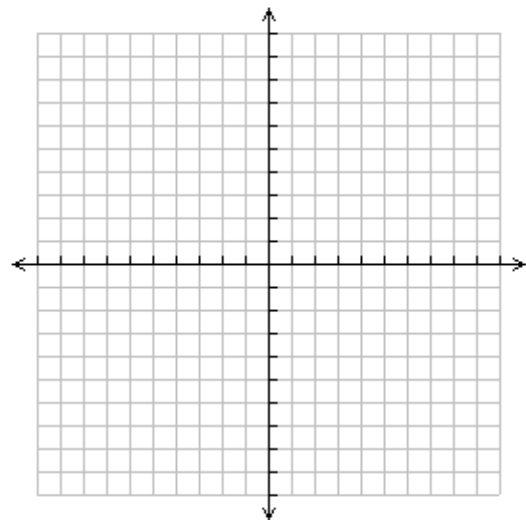
2.  $y \geq \frac{1}{2}x + 4$



3.  $y > -3$



4.  $2y - 4x \leq 10$



Refresh your memory:

Solve the below systems using substitution.

5. 
$$\begin{cases} -3x + 3y = 4 \\ -x + y = 3 \end{cases}$$

6. 
$$\begin{cases} y = 5x - 7 \\ -3x - 2y = -12 \end{cases}$$

7. You and a friend go to Taco Bell for lunch. You order three soft tacos and three burritos. You pay a total of \$11.25. Your friend's bill is \$10 for four soft tacos and two burritos. How much do soft tacos cost? How much do burritos cost?