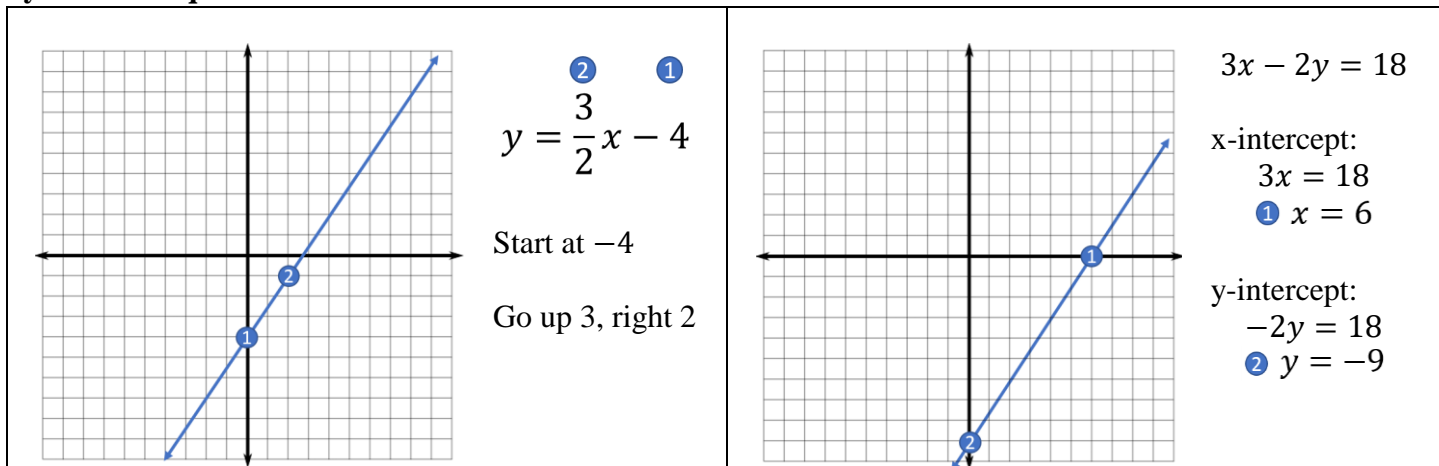


PROBLEM SET – Graphing Systems of Equations and Inequalities

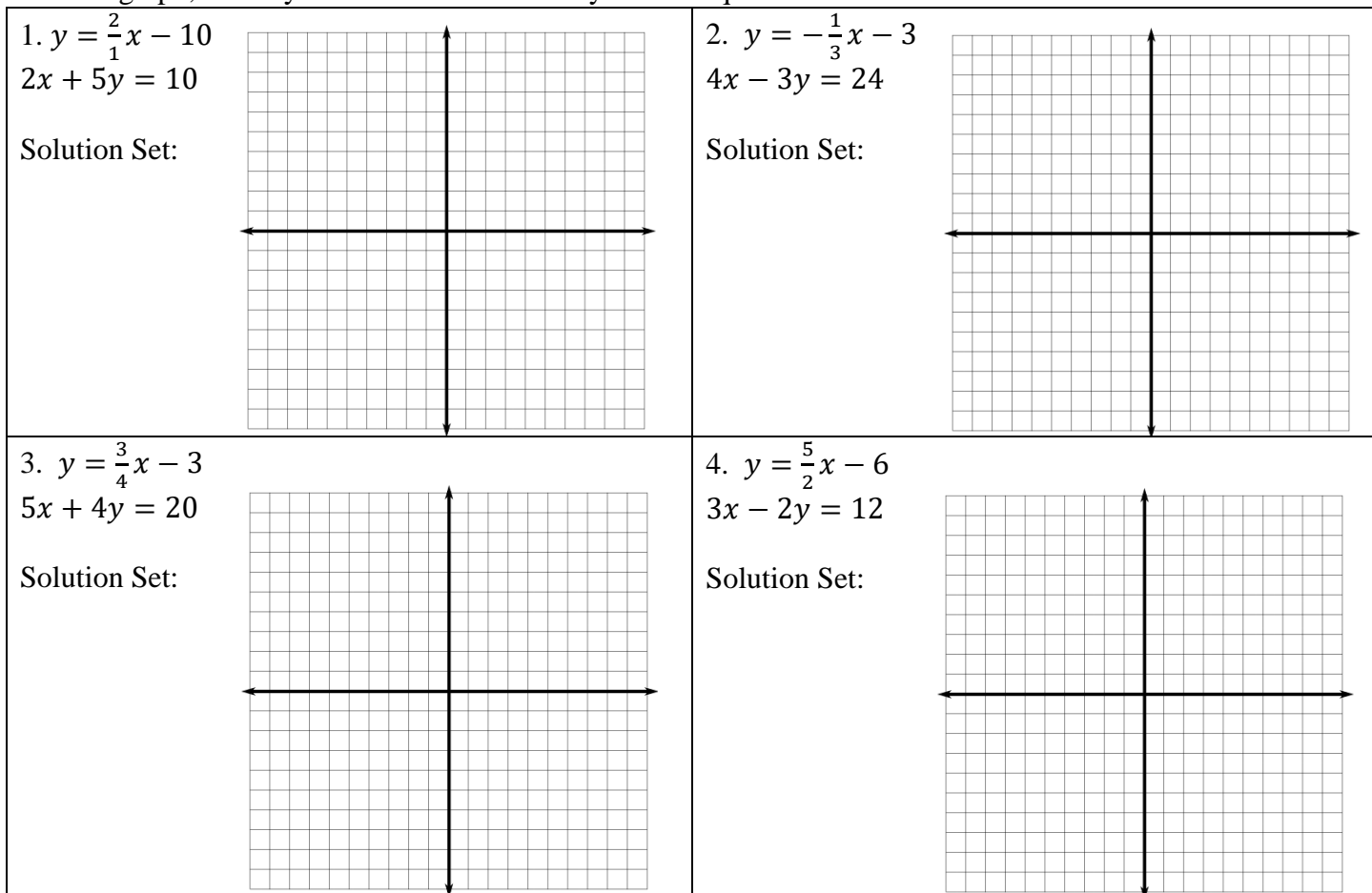
Mr. Peralta

Class 821 and 829

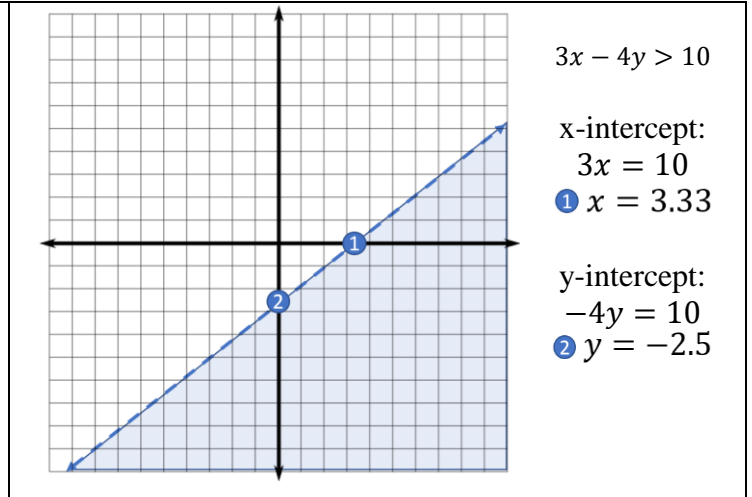
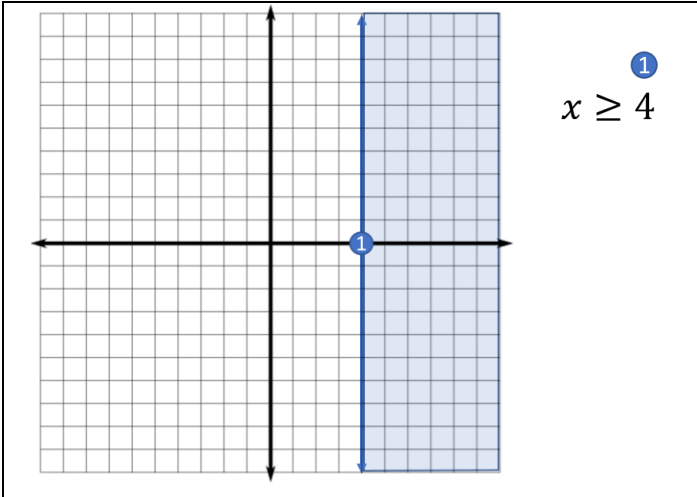
Systems of Equations



For each graph, identify the solution set of the system of equations.



Systems of Inequalities



For each graph, state a pair of coordinates in the solution set and a pair of coordinates not in the solution set.

1. $y \leq 5$
 $5x - 2y > 15$

In Solution Set:

Not in Solution:

2. $x \geq -2$
 $8x + 3y < 24$

In Solution Set:

Not in Solution:

3. $x \leq 5$
 $12x + 3y > 24$

In Solution Set:

Not in Solution:

4. $y \leq -2$
 $4x - y < 12$

In Solution Set:

Not in Solution: