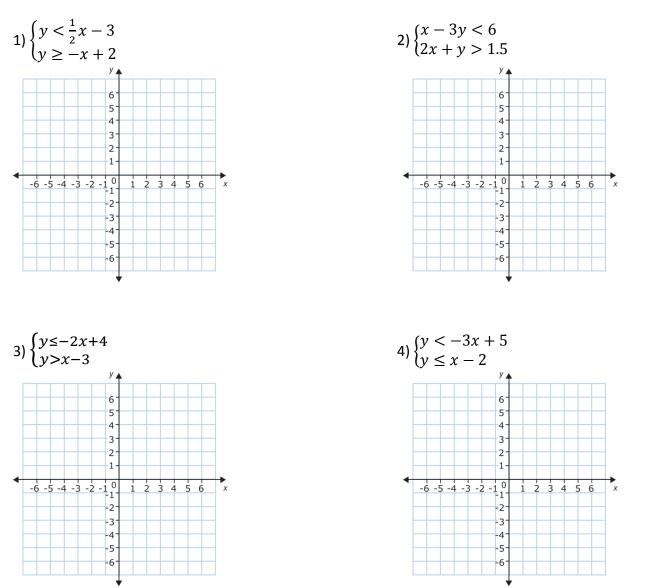
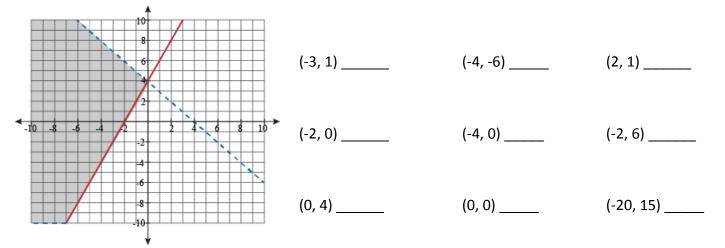
Solving Linear Inequalities by Graphing

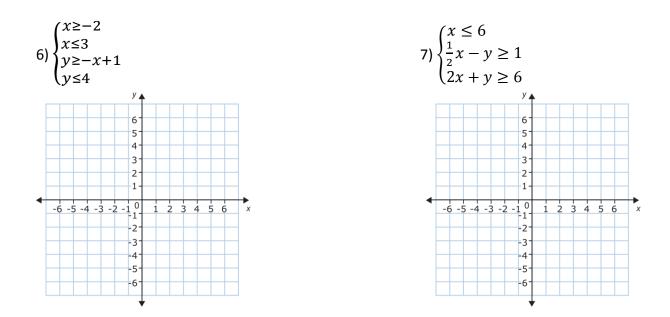
Name:

Solve the following systems of linear inequalities by graphing them on the coordinate plane.

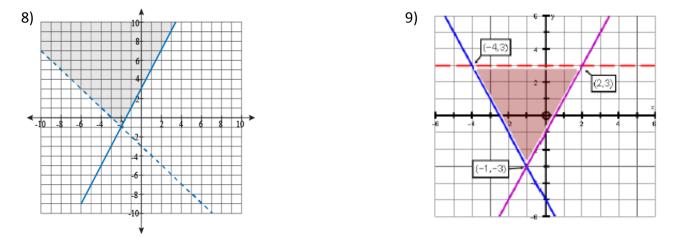


5) The solution to a system of linear inequalities is shown on the graph below. Indicate whether each point listed below is (Yes) or is not (No) part of the solution region for the graph.





Determine the system of inequalities that could be used to create the solution region graphed below.



10) Israel was given a system of 4 inequalities to graph. He determined that four vertices created the boundary points for the solution region. The vertices are: (-2, -2), (-2, 4), (2, 2), and (2, 6). Write and graph the 4 linear inequalities that made up Israel's system.

