

Section 4.5: Graphing Systems of Linear Inequalities**To Solve a System of Two Linear Inequalities**

1. For each inequality, graph the boundary line and shade the appropriate half-plane.
2. Determine the region of the graph that is common to both half-planes (the region where the shading overlaps).
3. To check, pick one test-point in the intersection and verify that it satisfies both inequalities.

Solve the systems of two linear inequalities graphically.

