

1. Grade the line that results from replacing the inequality symbol with = 1.

2. Make the line solid if the inequality symbol is 2 or 2 and doshed if the Symbol is 2 or 5. A solid line indicates that points an the line are indicates that points a the line are solution set while a bashed line indicates that points on the line are excluded from the solution set. 3. Determine which of the half-planes defined by the boundary line solves the inequality by substituting a test point from one of the two half-planes into the inequality. If the regulting numerical statement is true, all the points in the same half-plane as the test point solve the inequality.

Otherwise, the points in the other half-plane half-plane solve the inequality. 1) 3x+2y<12







