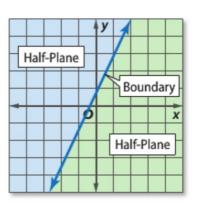
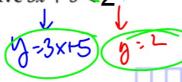


Algebra 1 5.6
Graph linear inequalities on the coordinate plane
Solve inequalities by graphing linear boundary half-plane open closed test point whiteboards



Example 3 Solve Inequalities From Graphs

Use a graph to solve 3x + 5 < 2

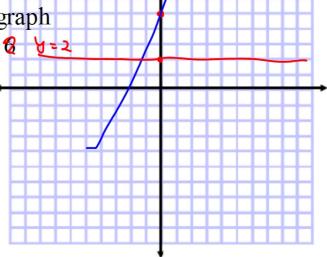


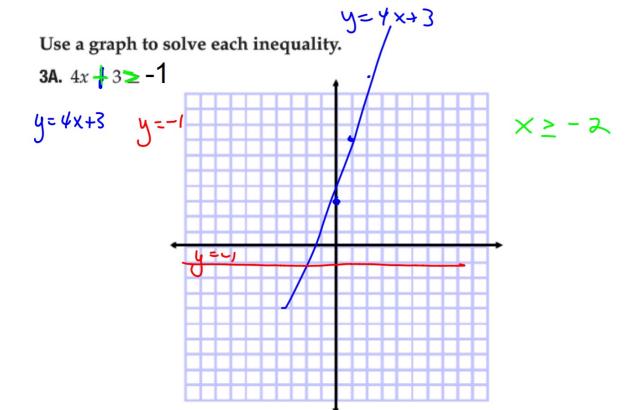
Graph y=3x+5

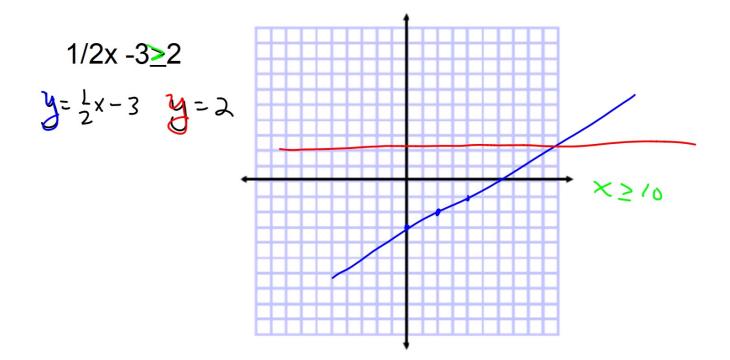
Graph y=6_

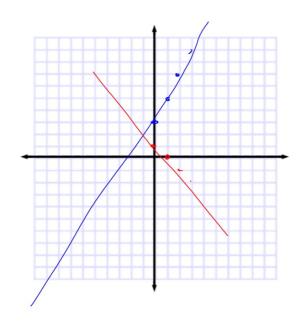
Where is 3x+5 lower on the graph



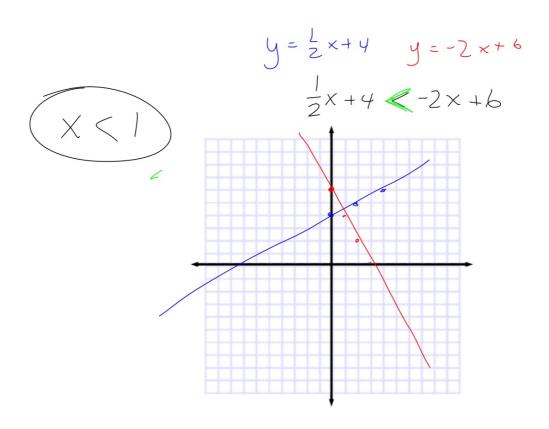








$$2x + 3 \ge -x + 1$$
 $y = 2x + 3$
 $y = -x + 1$
 $x = -x + 1$



et.

 $-2 \times +5 \ge \times -3$