

$(2, 0)$  is a solution for the system because it is a solution to both inequalities. However,  $(-1, -2)$  is not a solution for the system. It is not a solution to either of the inequalities. If you substitute these numbers into the inequalities and simplify, you will get  $-2 < -2$  and  $0 > 0$ , which are both false statements.