

You may have thought this was a solution because, after substituting  $(-4, 1)$  for  $x$  and  $y$  and simplifying, you get  $-4$  on both sides of the inequality. However,  $-4 > -4$  is a false statement, so  $(-4, 1)$  is not a solution. The correct answer is  $(-3, 1)$ .