

These equations can be rewritten as $y = x - 4$ and $y = -x - 6$ and are shown in the graph, so this is the correct system. However, the solution to the system is the point of intersection, and that point is *not* $(-5, -1)$. Always check your solution back in the original equations. The correct answer is $y + 4 = x$ and $x + y = -6$; solution = $(-1, -5)$.