

These equations can be rewritten as  $y = x - 4$  and  $y = -x - 6$ , and are shown in the graph. Their point of intersection is  $(-1, -5)$ . This is the solution to the system because the values  $x = -1$  and  $y = -5$  make both equations true:  $-5 + 4 = -1$  and  $-1 + (-5) = -6$ .