

You may have chosen this graph because you mixed up the inequality symbols and because you do not understand what the word *or* means in a compound inequality. The first inequality simplifies to  $x \leq -4$ . The second inequality simplifies to  $x \geq -2$ . This means that the solution is all values of  $x$  less than or equal to  $-4$  **or** greater than or equal to  $-2$ . The correct answer is the graph with the closed circles at  $-4$  and  $-2$ , the arrow going left from  $-4$ , and the arrow going right from  $-2$ .