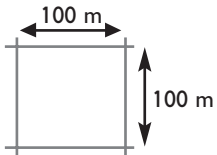


Mine field

The grid shows a mine field where each unit of length is 100 m.

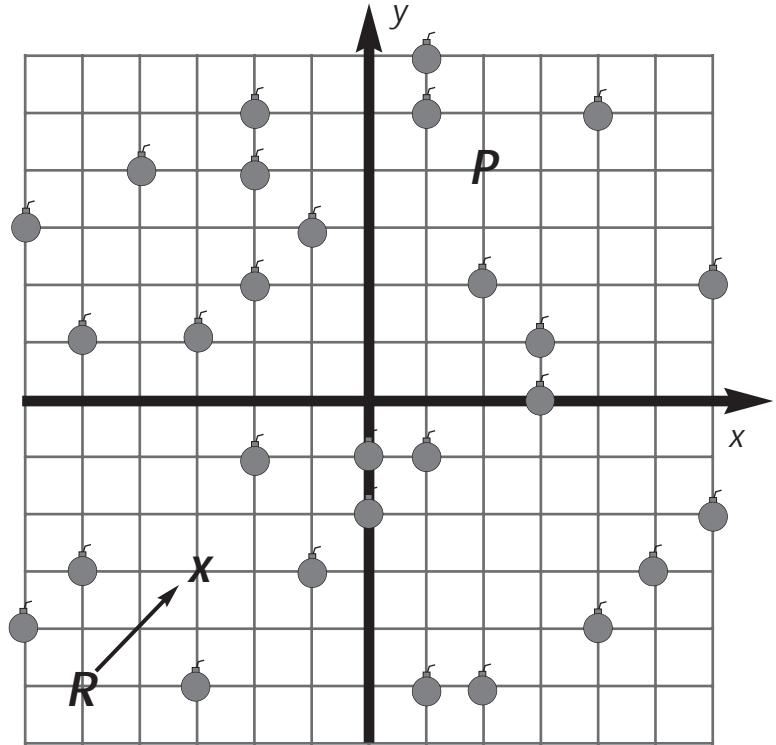


The rescuer **R** is at $(-5, -5)$.

They move in a series of straight lines towards the person-in-distress **P** who is at $(2, 4)$. They don't need to follow the lines of the grid.

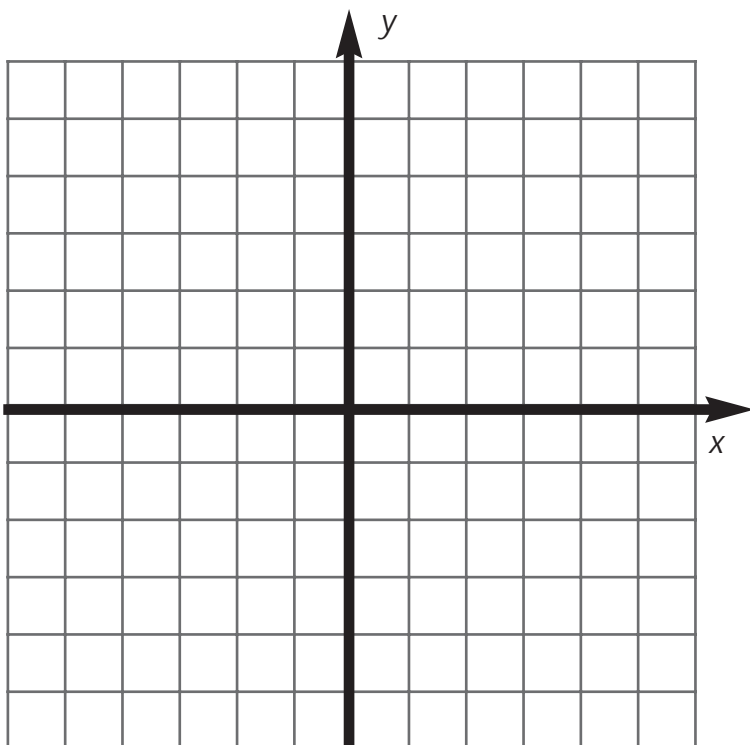
They must avoid coming within 100 m of any mines (shown by the symbol).

Plot the shortest route you can for them and write it out using coordinates.



Route for the rescuer

$(-5, -5) \rightarrow (-3, -3) \rightarrow (,)$



Use this grid to make up a similar puzzle for a friend to solve.

Route for the rescuer