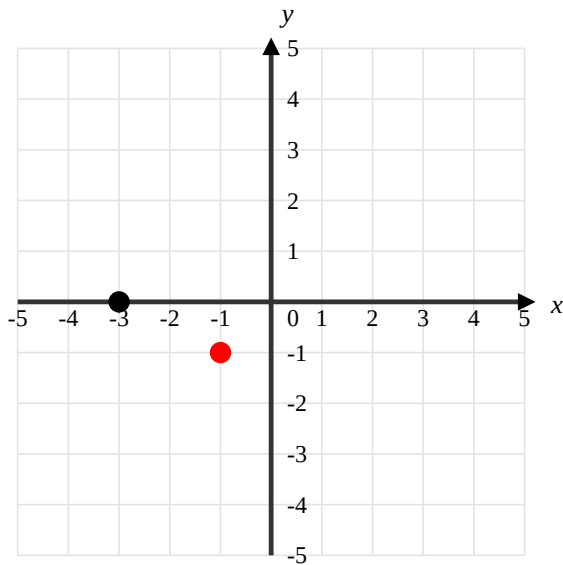
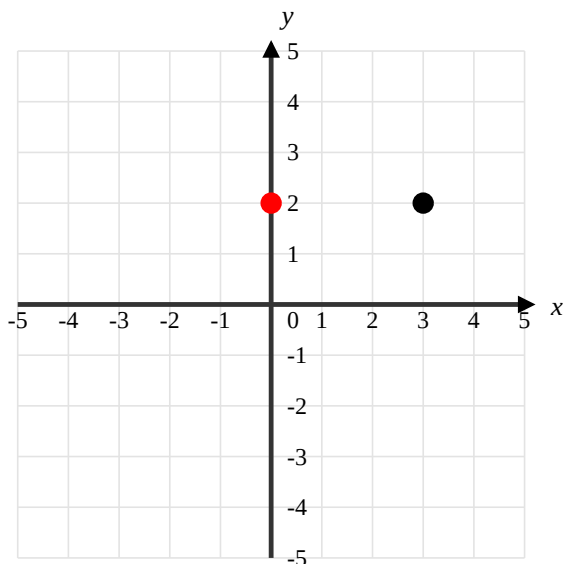


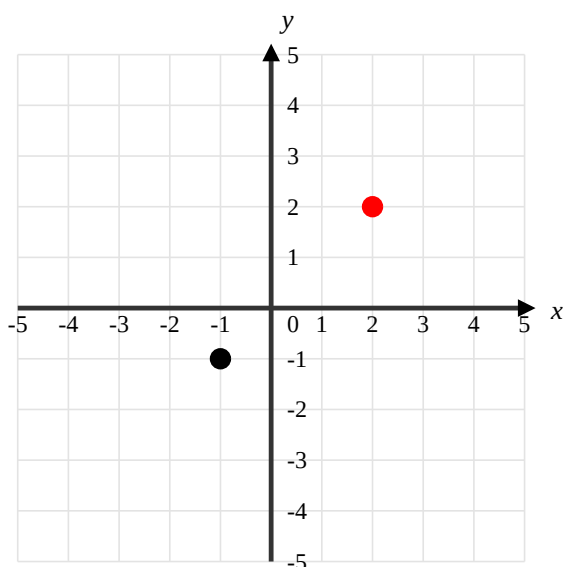
Solutions – Translation (A)



The point $(-3, 0)$ is shown on the grid.
Translate the point 2 units to the right
and 1 unit down.

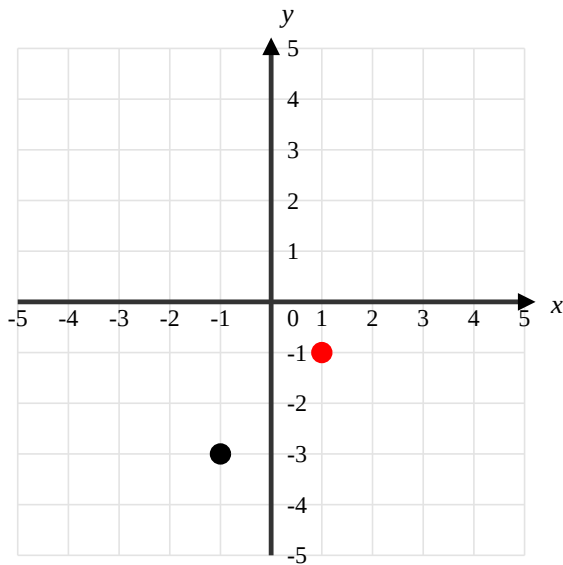


The point $(3, 2)$ is shown on the grid.
Translate the point 3 units to the left.

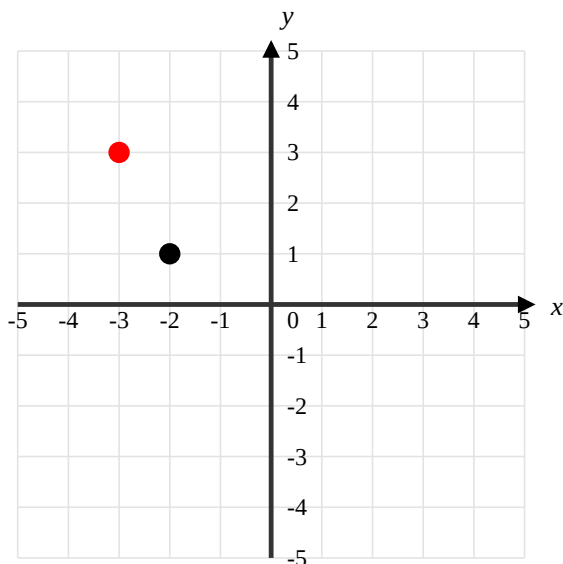


The point $(-1, -1)$ is shown on the grid.
Translate the point 3 units to the right
and 3 units up.

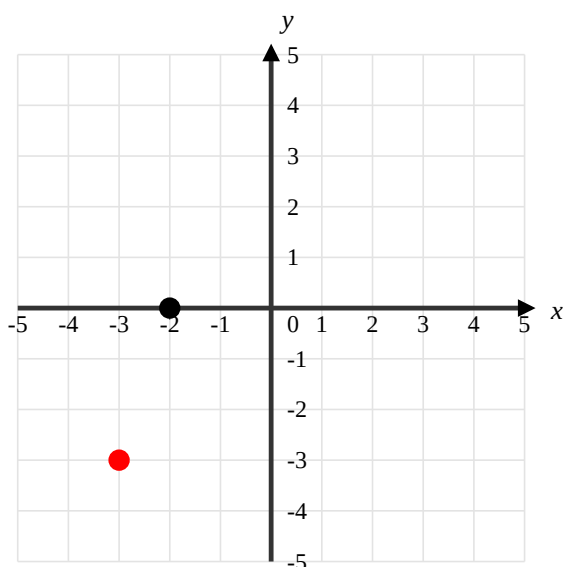
Solutions – Translation (B)



The point $(-1, -3)$ is shown on the grid.
Translate the point 2 units to the right
and 2 units up.

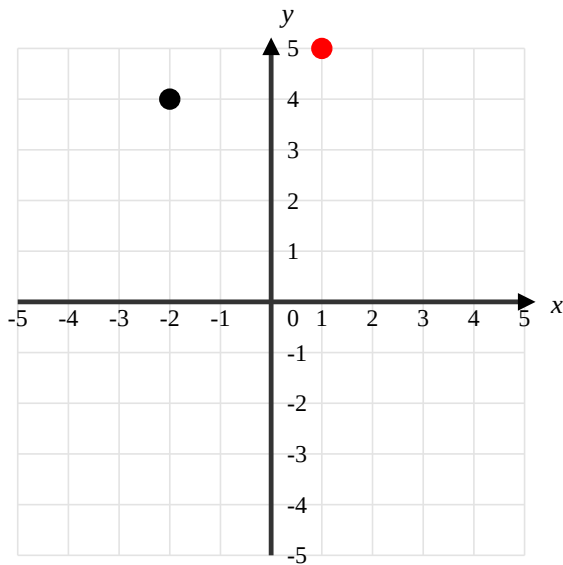


The point $(-2, 1)$ is shown on the grid.
Translate the point 1 unit to the left and
2 units up.

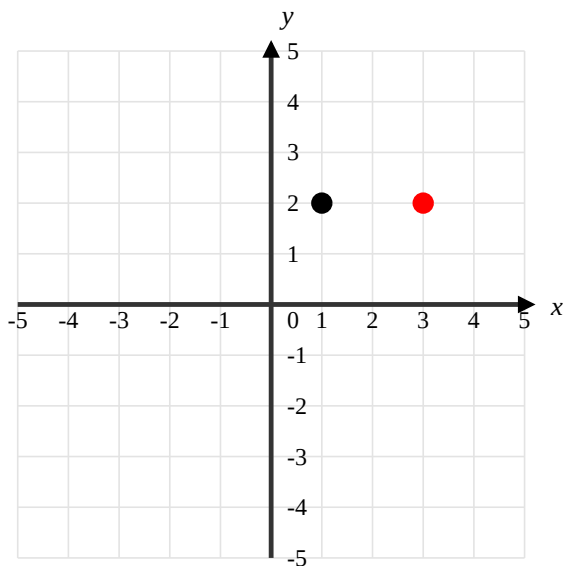


The point $(-2, 0)$ is shown on the grid.
Translate the point 1 unit to the left and
3 units down.

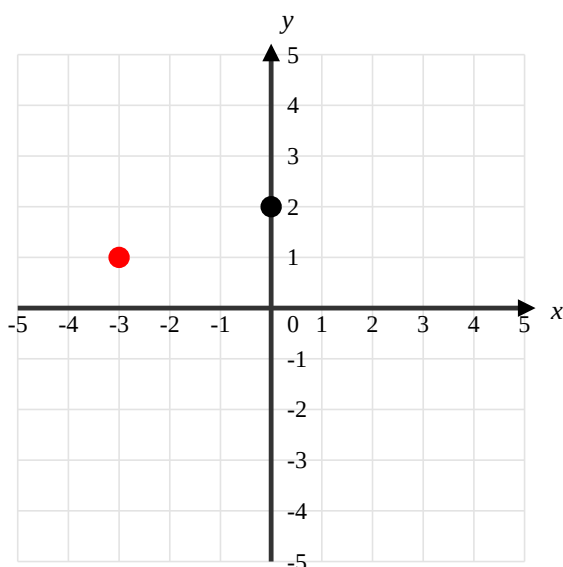
Solutions – Translation (C)



The point $(-2, 4)$ is shown on the grid.
Translate the point 3 units to the right
and 1 unit up.

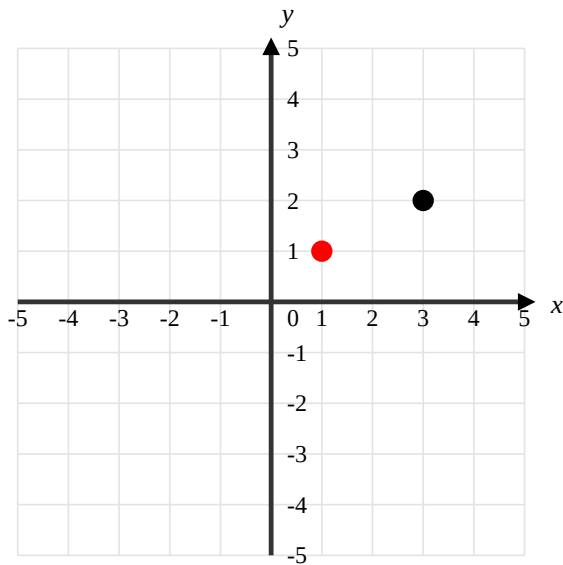


The point $(1, 2)$ is shown on the grid.
Translate the point 2 units to the right.

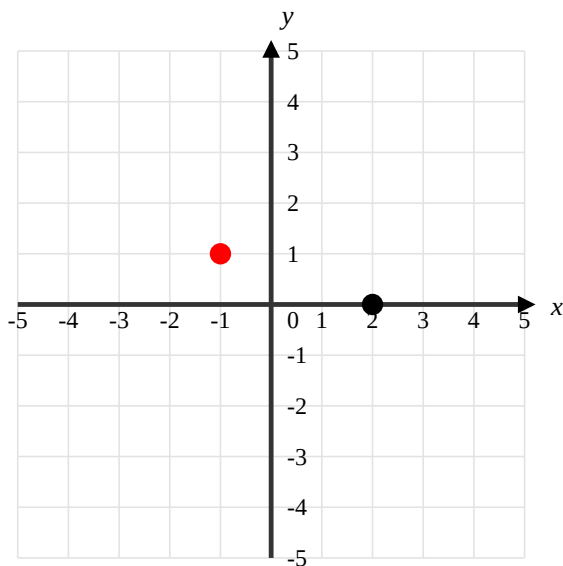


The point $(0, 2)$ is shown on the grid.
Translate the point 3 units to the left
and 1 unit down.

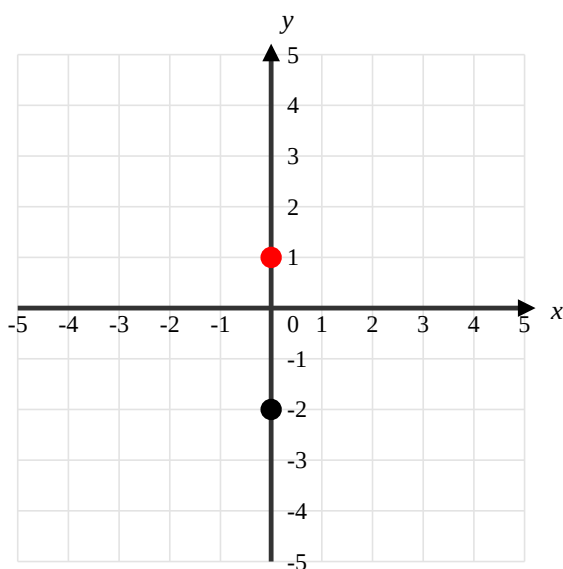
Solutions – Translation (D)



The point (3, 2) is shown on the grid.
Translate the point 2 units to the left
and 1 unit down.

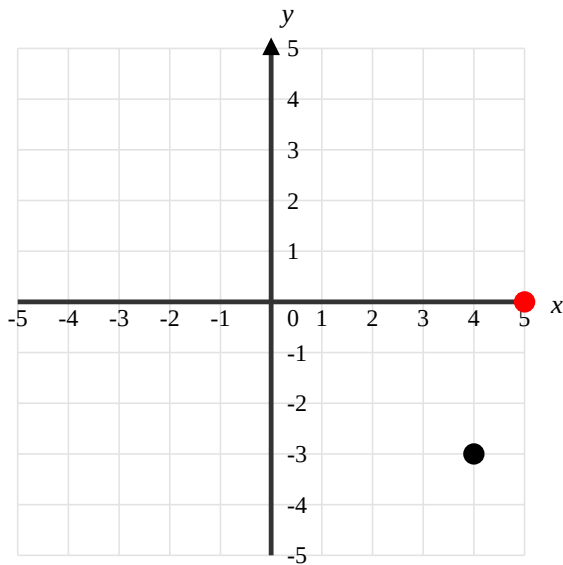


The point (2, 0) is shown on the grid.
Translate the point 3 units to the left
and 1 unit up.

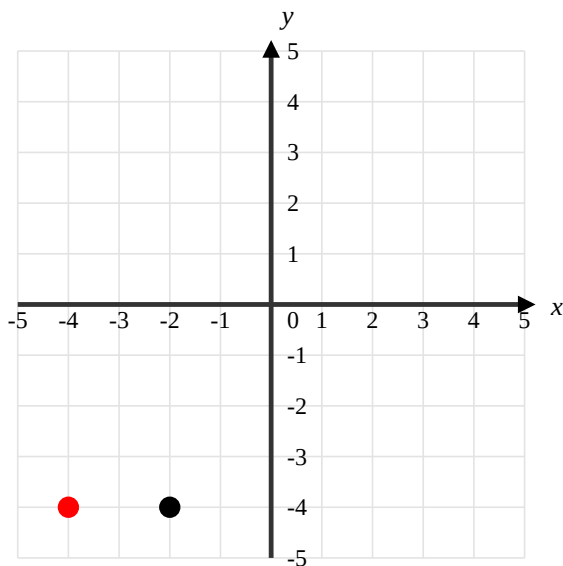


The point (0, -2) is shown on the grid.
Translate the point 3 units up.

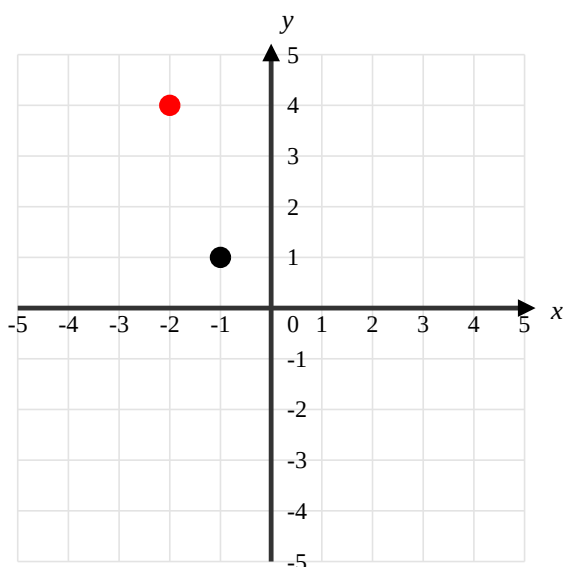
Solutions – Translation (E)



The point $(4, -3)$ is shown on the grid.
Translate the point 1 unit to the right
and 3 units up.

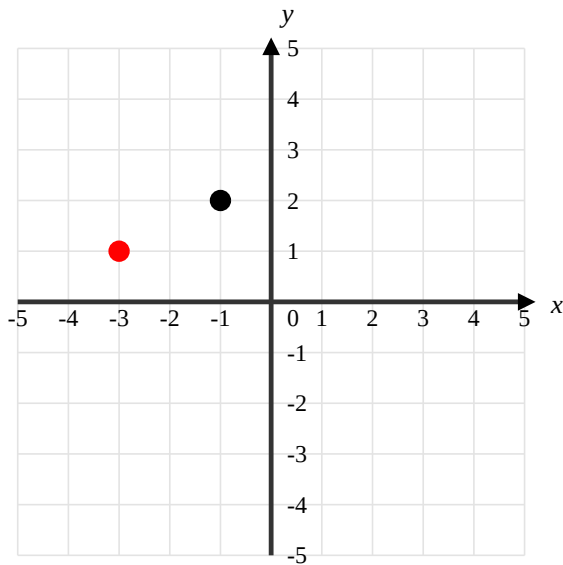


The point $(-2, -4)$ is shown on the grid.
Translate the point 2 units to the left.

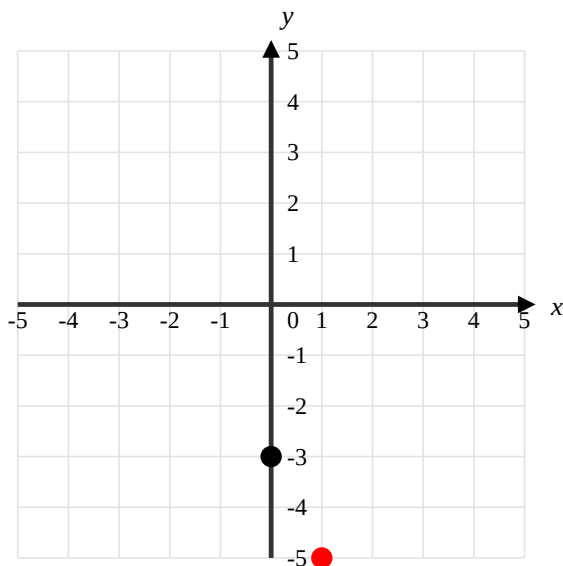


The point $(-1, 1)$ is shown on the grid.
Translate the point 1 unit to the left and
3 units up.

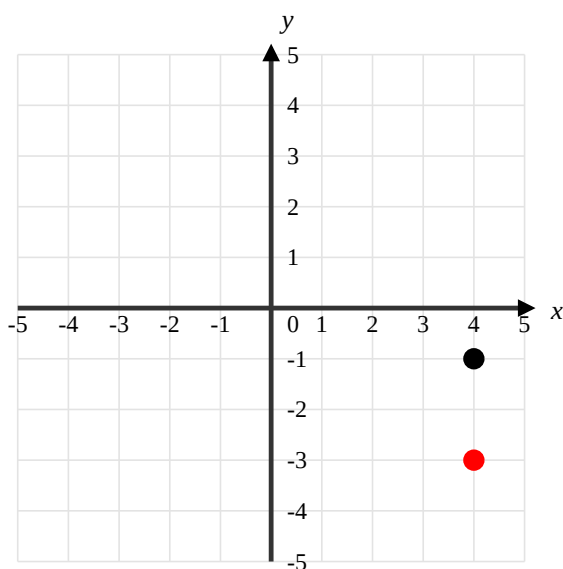
Solutions – Translation (F)



The point $(-1, 2)$ is shown on the grid.
Translate the point 2 units to the left
and 1 unit down.

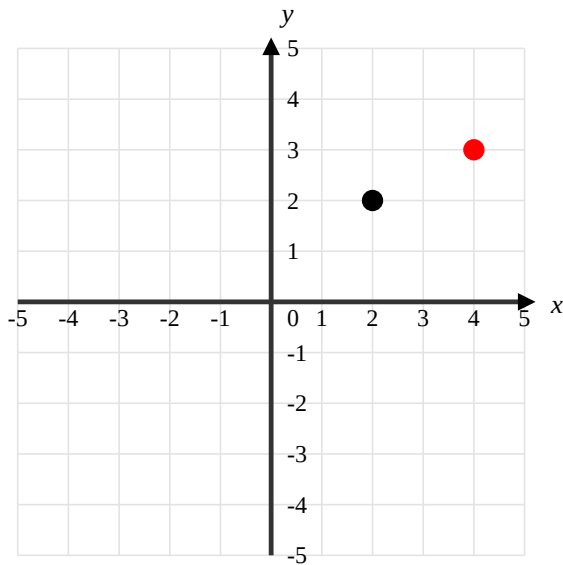


The point $(0, -3)$ is shown on the grid.
Translate the point 1 unit to the right
and 2 units down.

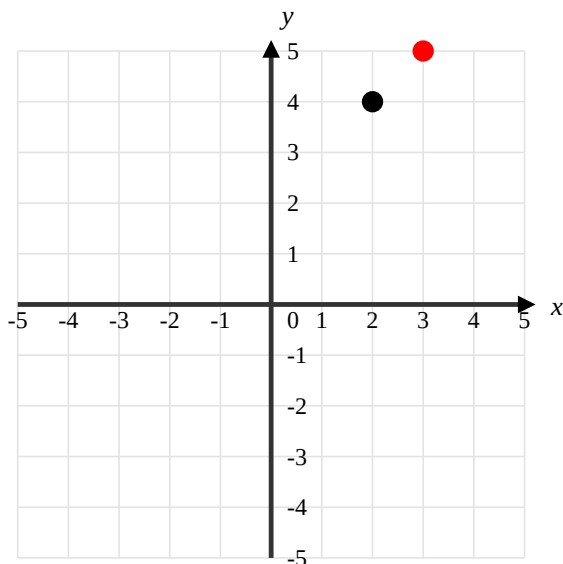


The point $(4, -1)$ is shown on the grid.
Translate the point 2 units down.

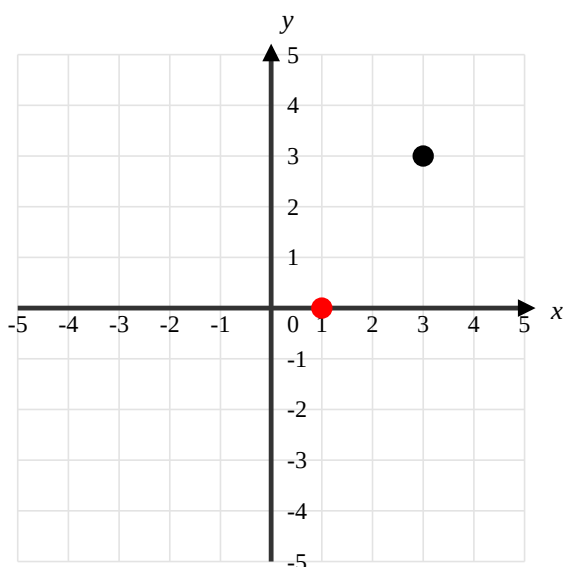
Solutions – Translation (G)



The point (2, 2) is shown on the grid.
Translate the point 2 units to the right
and 1 unit up.

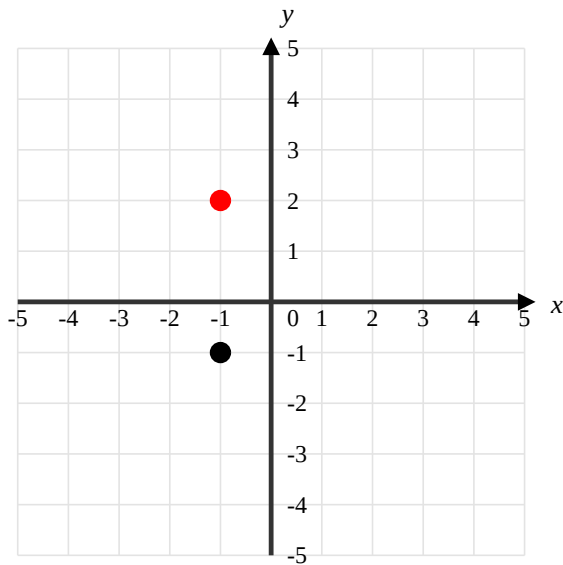


The point (2, 4) is shown on the grid.
Translate the point 1 unit to the right
and 1 unit up.

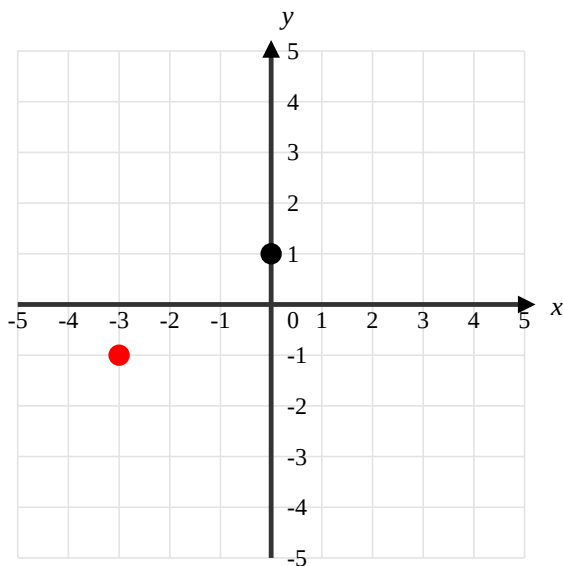


The point (3, 3) is shown on the grid.
Translate the point 2 units to the left
and 3 units down.

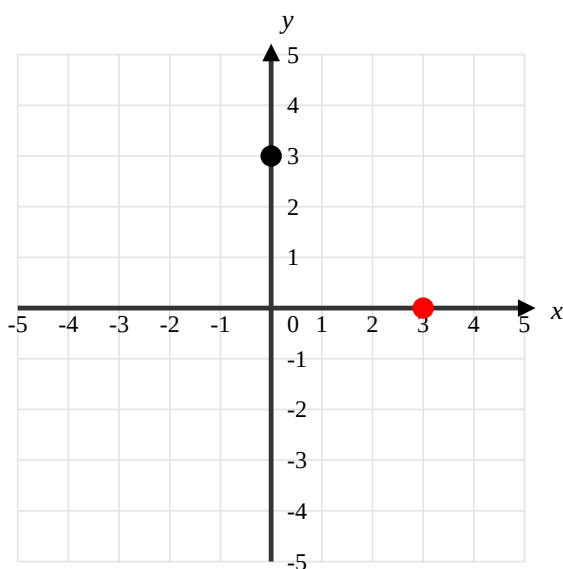
Solutions – Translation (H)



The point $(-1, -1)$ is shown on the grid.
Translate the point 3 units up.

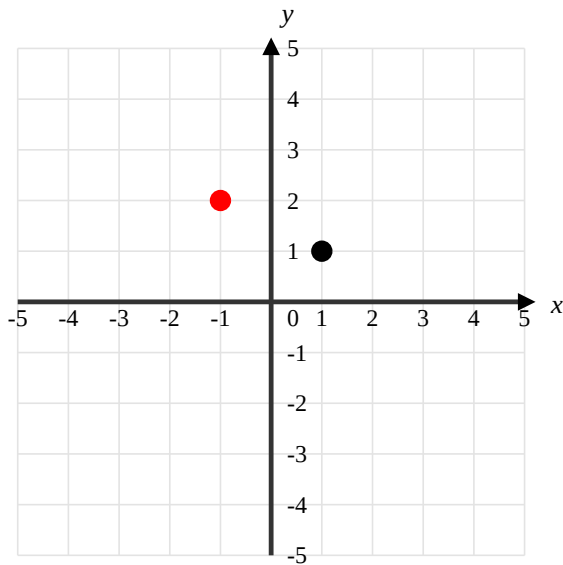


The point $(0, 1)$ is shown on the grid.
Translate the point 3 units to the left
and 2 units down.

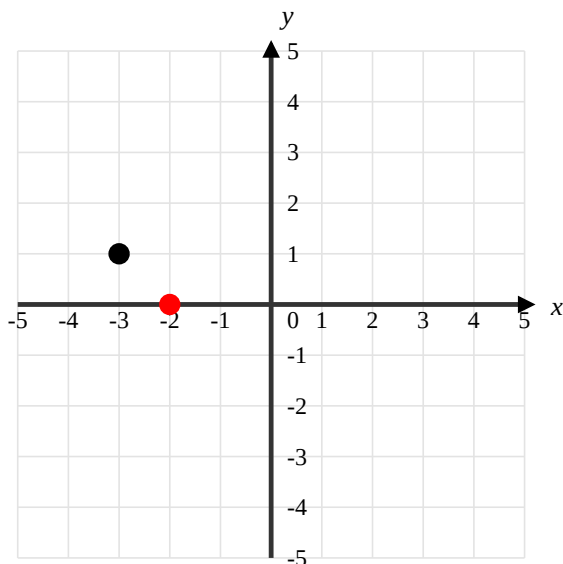


The point $(0, 3)$ is shown on the grid.
Translate the point 3 units to the right
and 3 units down.

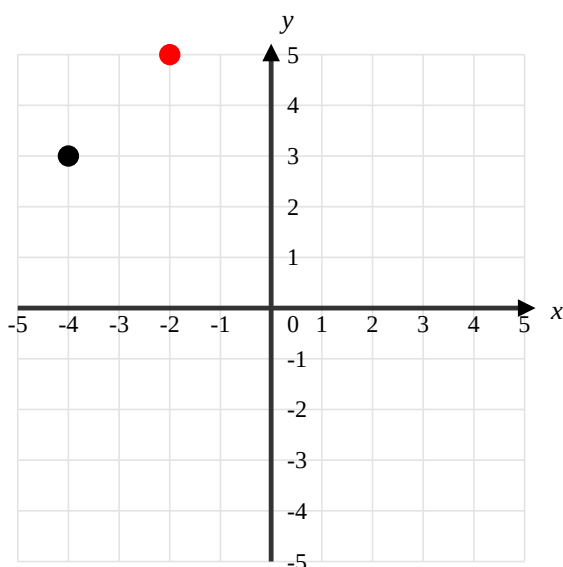
Solutions – Translation (I)



The point $(1, 1)$ is shown on the grid.
Translate the point 2 units to the left
and 1 unit up.

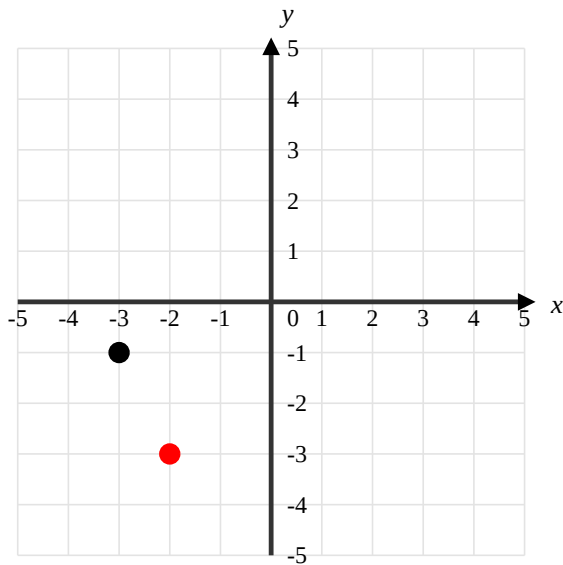


The point $(-3, 1)$ is shown on the grid.
Translate the point 1 unit to the right
and 1 unit down.

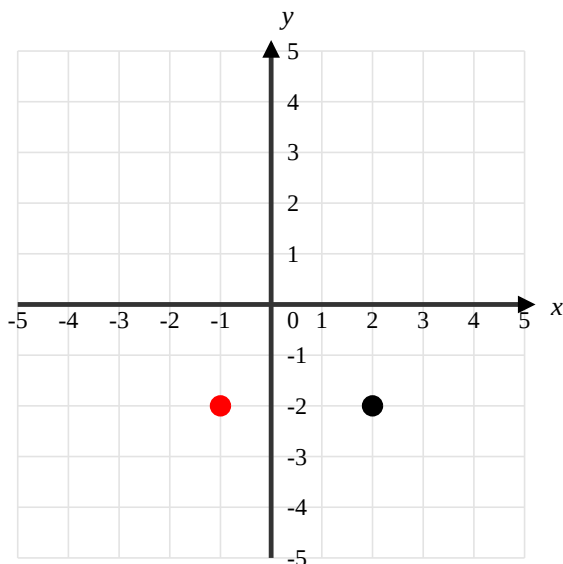


The point $(-4, 3)$ is shown on the grid.
Translate the point 2 units to the right
and 2 units up.

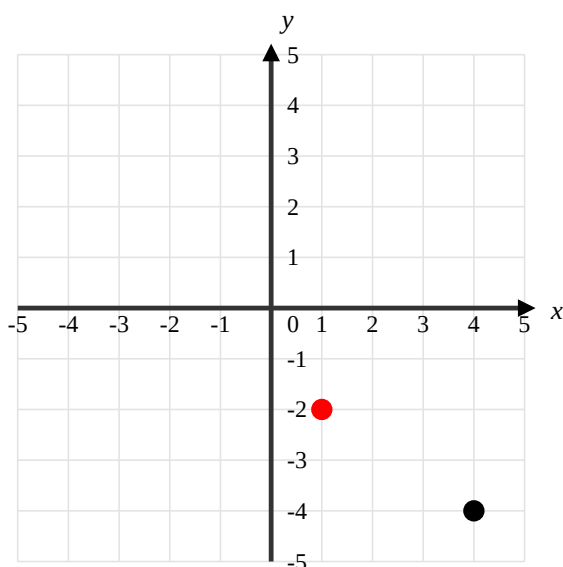
Solutions – Translation (J)



The point $(-3, -1)$ is shown on the grid.
Translate the point 1 unit to the right
and 2 units down.



The point $(2, -2)$ is shown on the grid.
Translate the point 3 units to the left.



The point $(4, -4)$ is shown on the grid.
Translate the point 3 units to the left
and 2 units up.