



Exercise 8A

Question 3:

The given equation is,

$$x + 2y - 3 = 0$$

$$\Rightarrow x = 3 - 2y$$

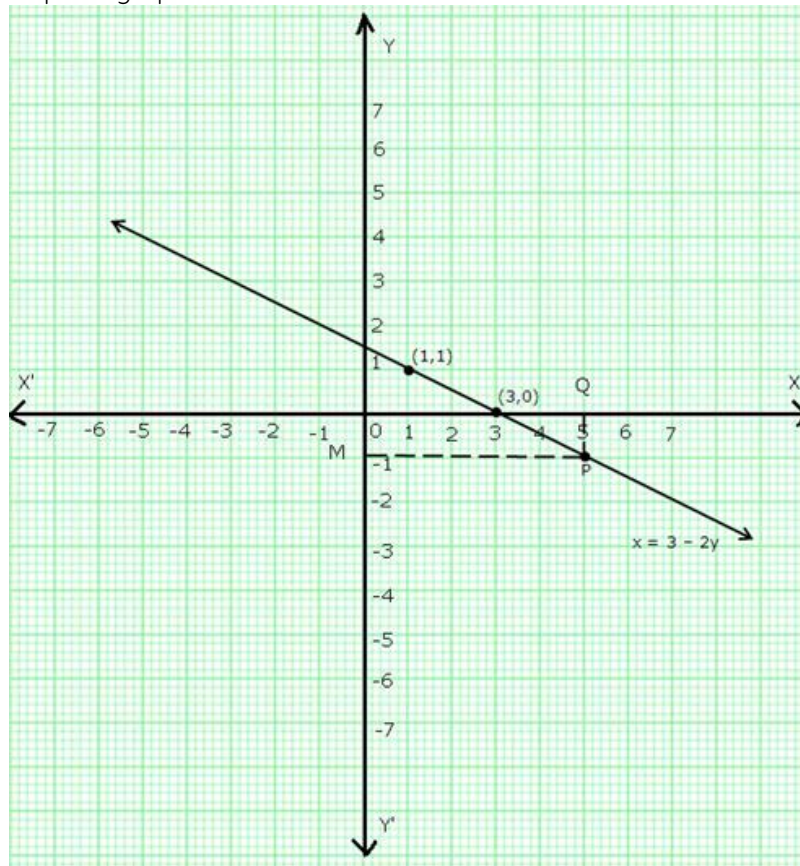
Putting $y = 1$, $x = 3 - (2 \times 1) = 1$

Putting $y = 0$, $x = 3 - (2 \times 0) = 3$

Thus, we have the following table:

x	1	3
y	1	0

Plot points (1,1) and (3,0) on a graph paper and join them to get the required graph.



Take a point Q on x-axis such that $OQ = 5$.

Draw QP parallel to y-axis meeting the line ($x = 3 - 2y$) at P.

Through P, draw PM parallel to x-axis cutting y-axis at M.

So, $y = OM = -1$.

***** END *****