



Exercise 8A

Question 4:

(v) The given equation is $3x - 2y = 0$

$$\Rightarrow y = \frac{3}{2}x$$

Now, if $x = 2$,

$$y = \frac{3}{2} \times 2 = 3$$

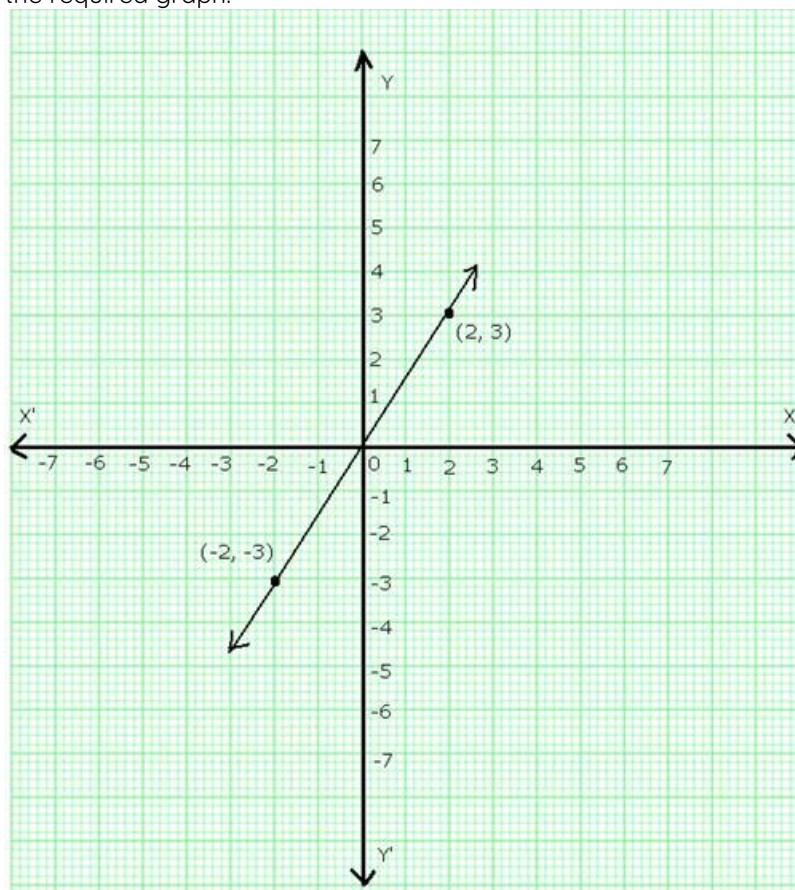
And, if $x = -2$,

$$y = \frac{3}{2} \times (-2) = -3$$

Thus, we have the following table:

x	2	-2
y	3	-3

Plot points (2,3) and (-2,-3) on a graph paper and join them to get the required graph.



(vi) The given equation is $2x + y = 0$

$$\Rightarrow y = -2x$$

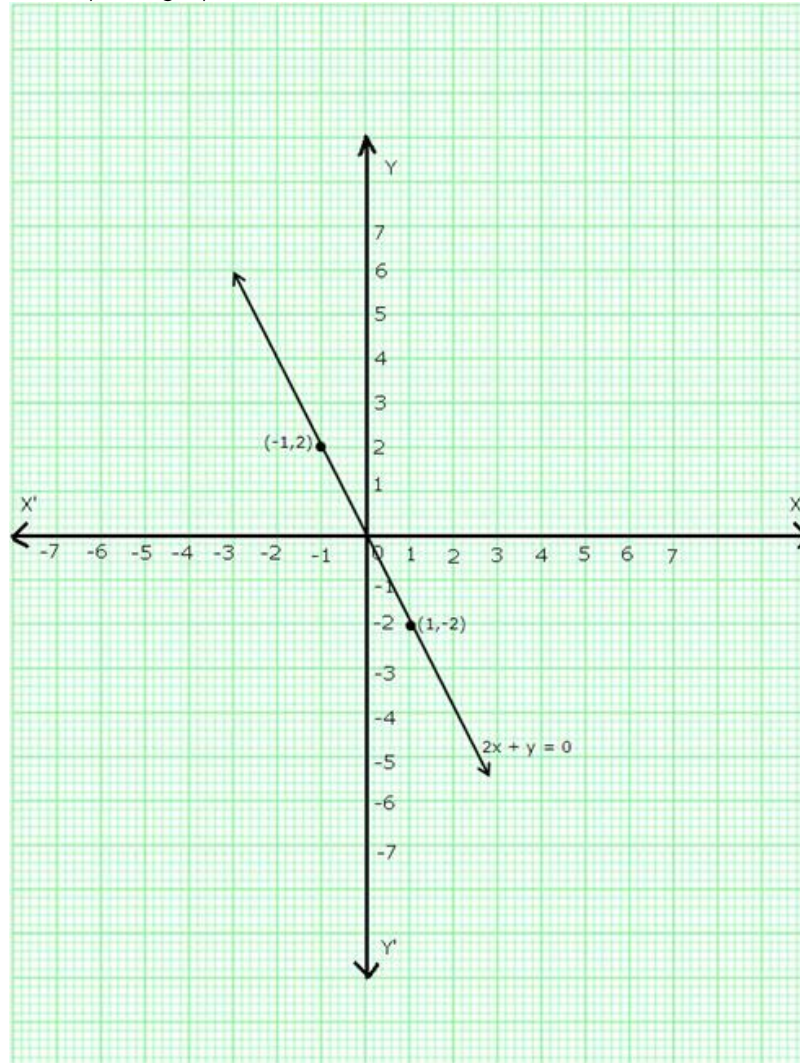
Now, if $x = 1$, then $y = -2 \cdot 1 = -2$

And, if $x = -1$, then $y = -2 \cdot (-1) = 2$

Thus, we have the following table:

x	1	-1
y	-2	2

Plot points $(1, -2)$ and $(-1, 2)$ on a graph paper and join them to get the required graph.



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