Exercise 8A

Question 4:

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

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

Now, if $x = 2$,

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

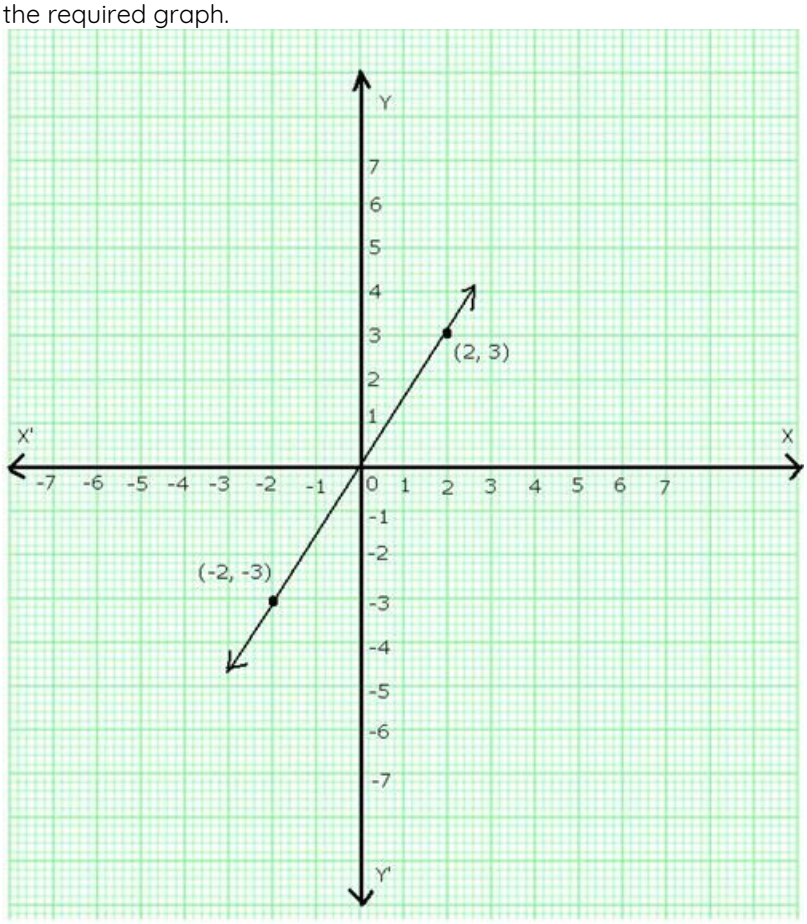
And, if $x = -2$,

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

Thus, we have the following table:

x	2	-2
y	3	-3

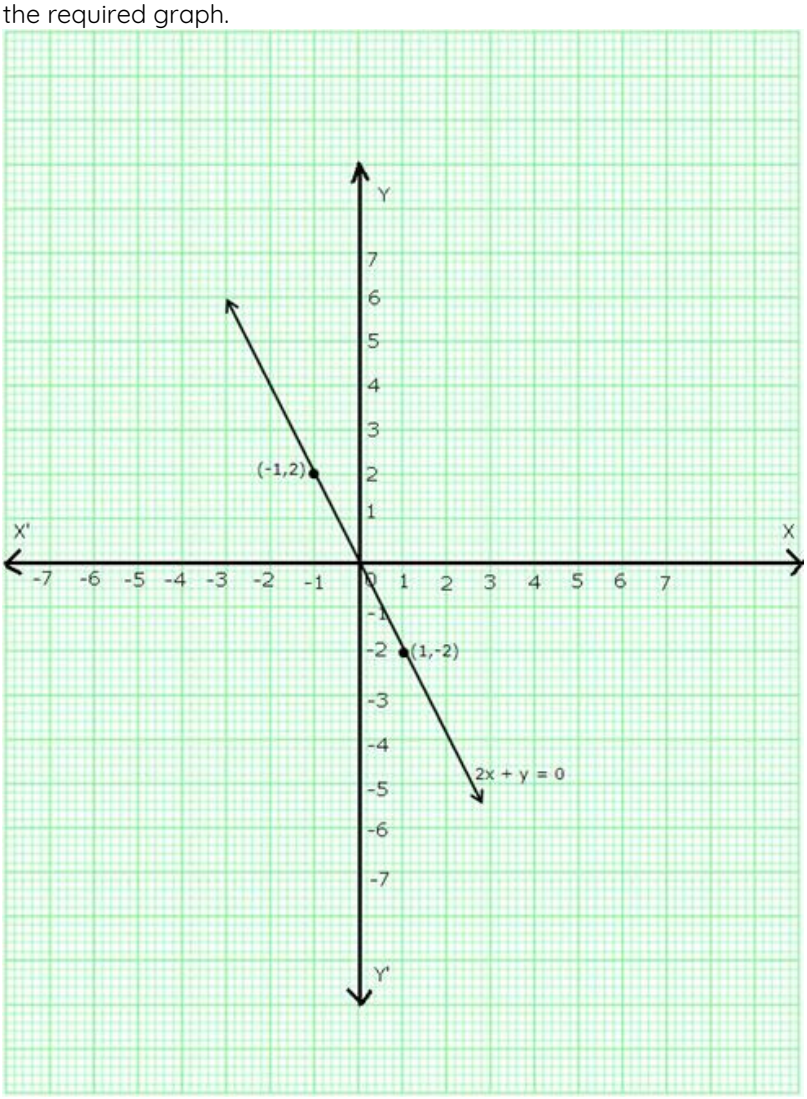
Plot points (2,3) and (-2,-3) on a graph paper and join them to get the required graph.



(vi) The given equation is 2x + y = 0
⇒ y = -2x
Now, if x = 1, then y = -2 1 = -2
And, if x = -1, then y = -2 (-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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