Exercise 8A

Question 4:

(iii) The given equation is $y + 3x = 0$
$\Rightarrow y = -3x$
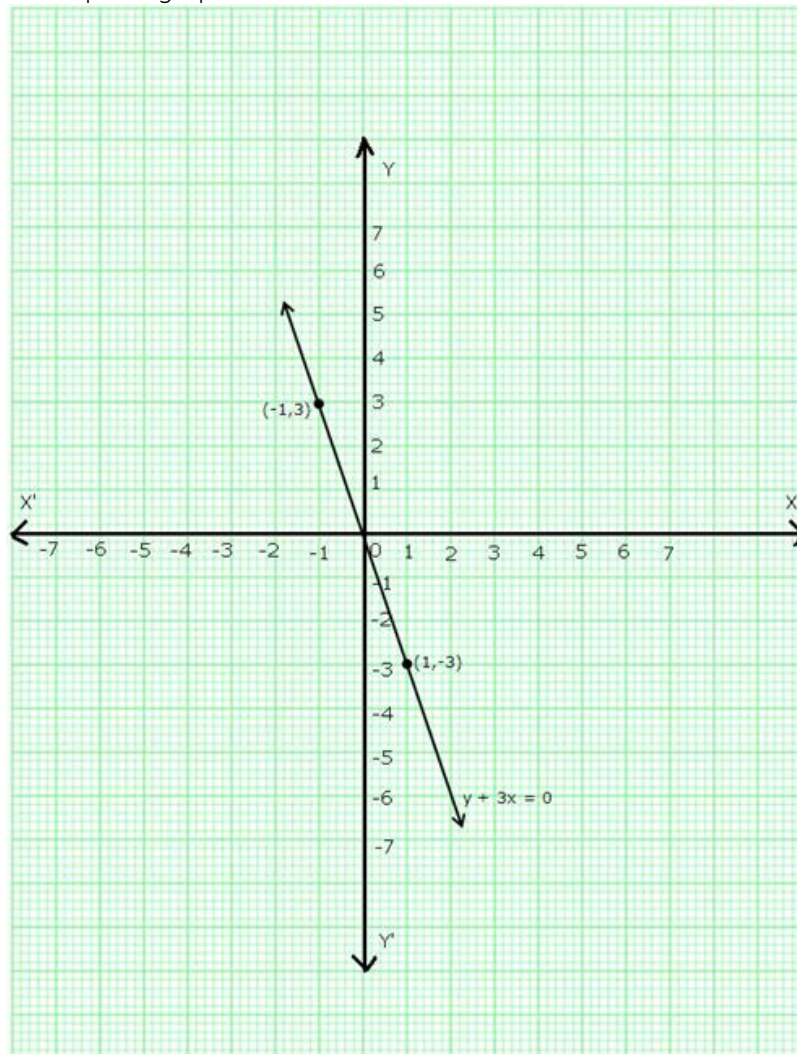Now, if $x = -1$, then $y = -3 (-1) = 3$
And, if $x = 1$, then $y = -3 (1) = -3$
Thus we have the following table:

x	1	-1
y	-3	3

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

(iv) The given equation is 2x + 3y = 0

$$\Rightarrow y = \frac{-2}{3}\,x$$
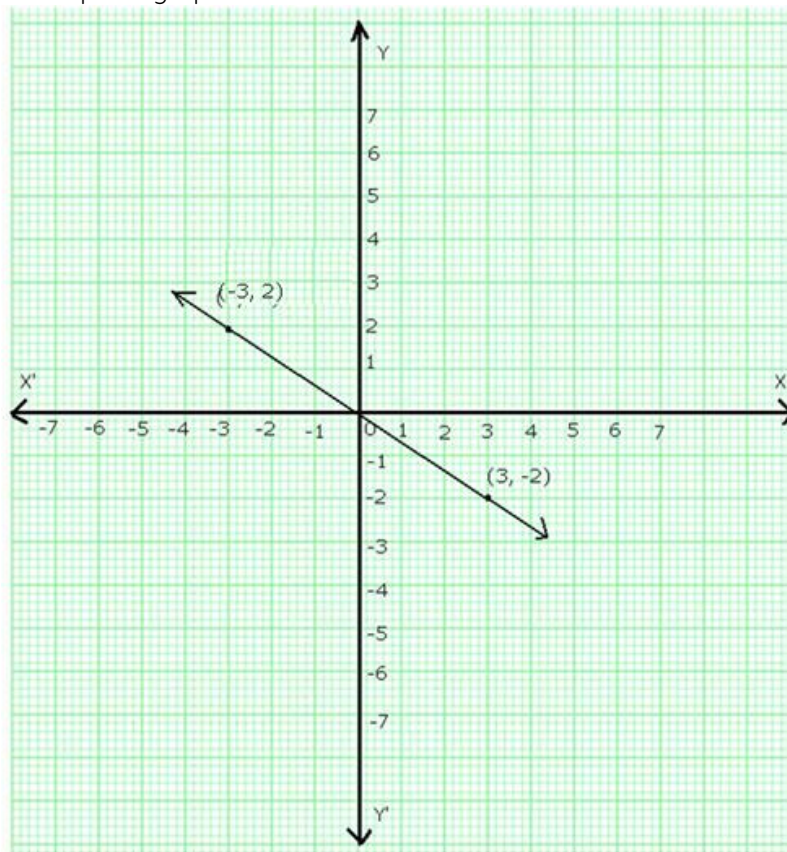
Now, if x = 3, then

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

And, if x = -3, then

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

Thus, we have the following table

x	3	-3
y	-2	2

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

********** END *********