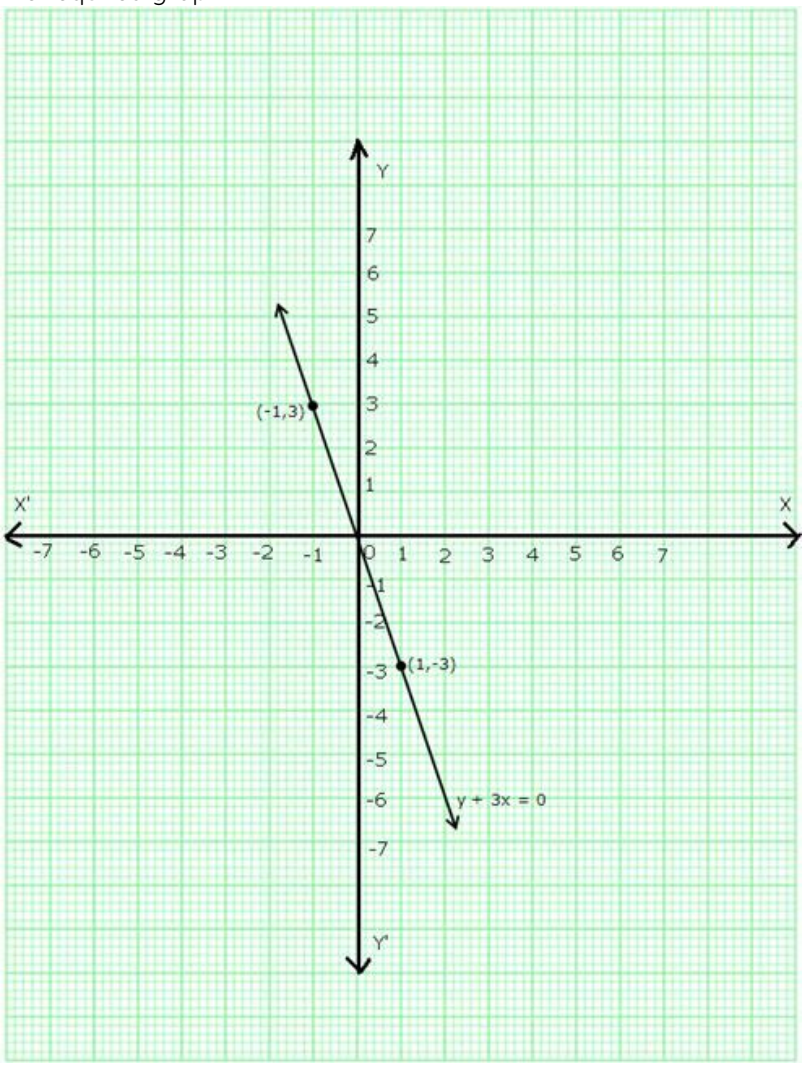
Exercise 8A

Question 4:

(iii) The given equation is y + 3x = 0
⇒ 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

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

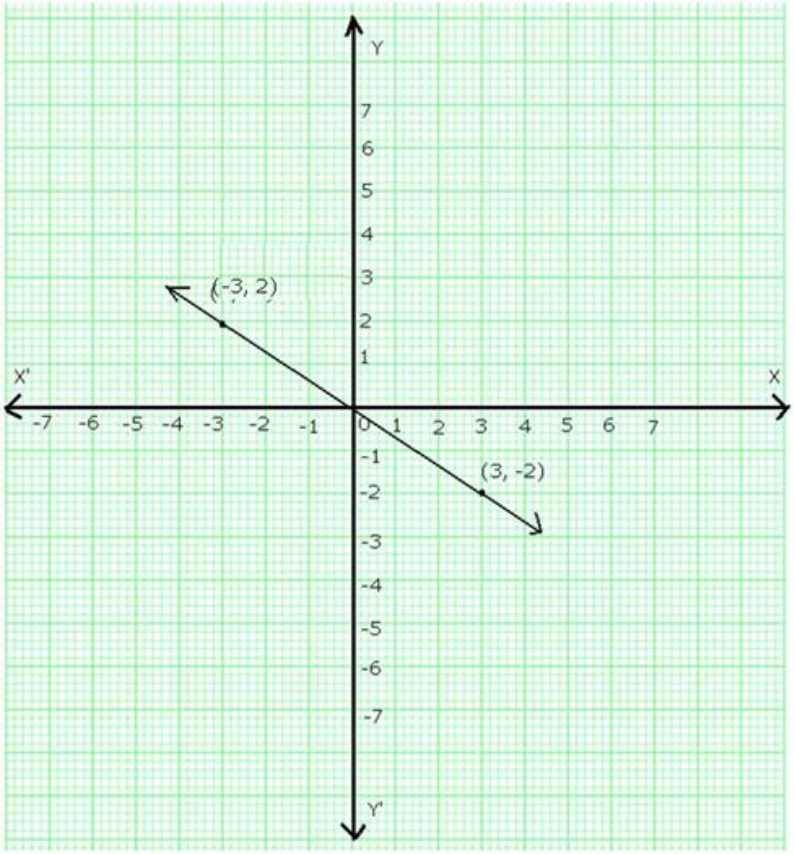
And, if $x = -3$, then

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

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 **********