

# Mathematics

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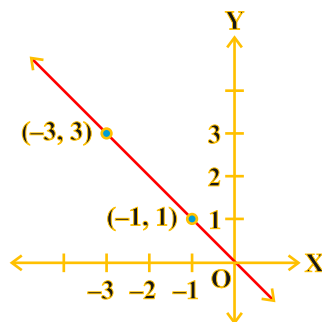
(Chapter – 4) (Linear Equations in two Variables)(Exemplar Problems)  
(Class – IX)

## Exercise 4.2

Write whether the following statements are True or False? Justify your answers:

### Question 3:

The graph given below represents the linear equation  $x + y = 0$ .



### Answer 3:

True

### Justification:

The given equation is  $x + y = 0$ .

Simplifying this equation, we get  $y = -x$

All the points on the graph are satisfying this equation.

