

# Mathematics

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

## Exercise 4.1

Write the correct answer in each of the following:

### Question 1:

The linear equation  $2x - 5y = 7$  has

- (A) A unique solution (B) Two solutions  
(C) Infinitely many solutions (D) No solution

### Answer 1:

(C) Infinitely many solutions

### Solution:

There are infinite number of points on this line which satisfy the linear equation  $2x - 5y = 7$ .

OR

A line contains infinite number of points and each point is a solution of this equation.

