

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 13:

The positive solutions of the equation $ax + by + c = 0$ always lie in the

- (A) 1st quadrant (B) 2nd quadrant
(C) 3rd quadrant (D) 4th quadrant

Answer 13:

- (A) 1st quadrant

Solution:

The first quadrant contains only positive values of x and y , so the positive solutions of the equation $ax + by + c = 0$ always lie in the first 1st quadrant.

