

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 3:

If (2, 0) is a solution of the linear equation $2x + 3y = k$, then the value of k is

- (A) 4 (B) 6 (C) 5 (D) 2

Answer 3:

- (A) 4

Solution:

Given linear equation is $2x + 3y = k$.

As (2, 0) is a solution of the linear equation $2x + 3y = k$

$$\Rightarrow 2 \times 2 + 3 \times 0 = k$$

$$\Rightarrow 4 = k$$

