

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 4:

Any solution of the linear equation $2x + 0y + 9 = 0$ in two variables is of the form

(A) $(-9/2, m)$

(B) $(n, -9/2)$

(C) $(0, -9/2)$

(D) $(-9, 0)$

Answer 4:

(A) $(-9/2, m)$

Solution:

Given linear equation is $2x + 0y + 9 = 0$.

$$\Rightarrow 2x = -9$$

$$\Rightarrow x = -\frac{9}{2}$$

So, the value of $x = -\frac{9}{2}$ and value of y can be any number.

