

Mathematics

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(Chapter – 2) (Polynomials)(Exemplar Problems)
(Class – IX)

Exercise 2.1

Write the correct answer in each of the following:

Question 9:

Zero of the polynomial $p(x) = 2x + 5$ is

- (A) $-\frac{2}{5}$ (B) $-\frac{5}{2}$ (C) $\frac{2}{5}$ (D) $\frac{5}{2}$

Answer 9:

- (B) $-\frac{5}{2}$

Solution:

Given polynomial: $p(x) = 2x + 5$

For zeroes, $p(x) = 0$

$$\Rightarrow 2x + 5 = 0$$

$$\Rightarrow 2x = -5$$

$$\Rightarrow x = \frac{-5}{2}$$



Hence, the option (B) is correct.

