

Mathematics

(www.tiwariacademy.net)

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

(Class – IX)

Exercise 2.1

Write the correct answer in each of the following:

Question 7:

If $p(x) = x + 3$, then $p(x) + p(-x)$ is equal to

(A) 3 (B) $2x$ (C) 0 (D) 6

Answer 7:

(D) 6

Solution:

Given polynomial: $p(x) = x + 3$

So, $p(x) + p(-x) = x + 3 + (-x) + 3 = x - x + 6 = 6$

Hence, the option (D) is correct.

