

Concept_Grade-9_Polynomials

Basic Polynomials

1. Write the expression polynomial which represents.
2. Name the given polynomial on the basis of degree - $3x + 2$.
3. What is $x + \frac{1}{x}$?
4. Write an example of a constant polynomial.
5. Name the polynomial containing two non-zero terms.
6. What is the degree of polynomial $\sqrt{3}$?
7. What is the degree of the polynomial $(x^3 + 5)(4 - x^5)$?
8. Write the number of zeroes in a cubic polynomial.
9. Find $p(0)$ if $p(y) = y^2 - y + 1$
10. Write any polynomial in one variable.
11. In the expression $x^2 + \frac{\pi}{2}x - 7$ coefficient of x ?
12. If -4 is a zero of the polynomial $p(x) = x^2 + 11x + k$, then calculate the value of k .