

SETH M. R. JAIPURIA SCHOOLS BANARAS PARA奥 CAMPUS
WORKSHEET
CLASS - IX
Subject – MATHS (POLYNOMIALS)

1. $x^2 - x$ is _____ polynomial.
2. $x - x^3$ is a _____ polynomial.
3. $1 + 3x$ is a _____ polynomial.
4. What is the degree of the polynomial $\sqrt{3}$?
5. The degree of the constant polynomial is _____
6. The coefficient of x in $7x^2 + 6x - 2$ is _____
7. What is the degree of the polynomial $3x^2 + 2x - 5$?
8. What is the coefficient of x in the polynomial $5x^2 + 4x - 3$?
9. Which term is the constant term in the polynomial $4x^2 + 3x - 7$?
10. What is the degree of the polynomial $x^4 - x^2 + 1$?
11. What is the coefficient of x^2 in the polynomial $3x^3 - 2x^2 + x - 1$?
12. Write a binomial of degree 20 is:
13. A polynomial with one degree is called:
14. $\sqrt{3}x$ is a polynomial of degree:
15. Find the value of $p(t) = 2+t+2t^2-t^3$ when $t=0$, write the steps as well.

16. Find the value of $f(x) = 5x - 4x^2 + 3$ when $x = -1$.

17. What is the value of the polynomial $2x^2 + 3x - 4$ when $x = 2$?

18. The value of $f(x) = 5x - 4x^2 + 3$ when $x = -1$, is:

19. Find the zero of the polynomial $f(x) = 2x + 7$

20. Find the zero of the polynomial $p(x) = -5x + 5$

21. Find the zero of the polynomial $p(x) = -9x + 9$

22. Find the zero of the polynomial $p(x) = -2x + 18$