



VELANKANNI PUBLIC SCHOOL

R-10 KODUNGAIYUR, CHENNAI-118

MATHS

std-10

chapter-2 polynomials

1. A real number α is called zero of the polynomial $f(x)$ when
2. The zeroes of the polynomial $x^2 + 7x + 12$ are:
3. If $p(x) = x^2 + 5x + 2$, then the value of $p(3) + p(2) + p(0)$ is
4. The zeroes of the quadratic polynomial $x^2 + 43x + 222$ are:
5. The quadratic polynomial whose zeroes are $5 + 2$ and $5 - 2$ is:
6. A quadratic polynomial whose sum and product of zeroes are 2 and 13 respectively, is:
7. A quadratic polynomial, one of whose zero is $2 + 5$ and the sum of whose zeroes is 4 is
8. A quadratic polynomial, one of whose zero is 5 and the product of whose zeroes is -25 is
9. If the product of the zeroes of the quadratic polynomial $3x^2 + 5x + k$ is $-2/3$, then
10. If one zero of the polynomial $p(x) = 5x^2 + 13x - k$, is the reciprocal of the other, then