

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Oral Test

1. If the graph of a polynomial intersects the x-axis at only one point can it be a quadratic polynomial?

Sol. _____

2. If the graph of a polynomial intersects the x-axis at exactly two points, it need not be quadratic polynomial. State true or false. Give reason.

Sol. _____

3. If two of the zeroes of a cubic polynomial are zero, then does it have linear and constant terms? Give reason.

Sol. _____

4. If all the zeroes of cubic polynomial are negative, what can you say about the signs of all the co-efficient and the constant term? Give reason.

Sol. _____

5. The only value of k for which the quadratic polynomial $kx^2 + x + k$ has equal zeroes is $\frac{1}{2}$.

Sol. _____

6. The degree of a cubic polynomial is at least 3. State true or false. Give reason.

Sol. _____

