

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Multiple Choice Questions

1. The zeroes of the quadratic polynomial $x^2 + ax + b$, $a, b > 0$ are

- (a) both positive (b) both negative
(c) one positive one negative (d) can't say

Sol.

2. The degree of the remainder $r(x)$ when $p(x) = bx^4 + cx^3 + dx^2$ is divided by a polynomial of degree 4 is

- (a) less than 4 (b) less than 3
(c) equal to 3 (d) less than or equal to 3

Sol.

3. If the graph of a polynomial intersects the x-axis at exactly two points, then it

- (a) cannot be a linear or a cubic polynomial (b) can be a quadratic polynomial only
(c) can be a cubic or a quadratic polynomials (d) can be a linear or a quadratic polynomial

Sol.
