

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Multiple Choice Questions

1. Given that one of the zeroes of the cubic polynomial $ax^3 + bx^2 + cx + d$ is zero, the product of the other two zeroes is

(a) $-\frac{c}{a}$

(b) $\frac{c}{a}$

(c) 0

(d) $-\frac{b}{a}$

Sol.

2. Given that two of the zeroes of the cubic polynomial $ax^3 + bx^2 + cx + d$ are 0, the value of c is

(a) less than 0

(b) greater than 0

(c) equal to 0

(d) can't say

Sol.

3. If the zeroes of the quadratic polynomial $ax^2 + bx + c, c \neq 0$ are equal, then

(a) c and a have opposite signs

(b) c and a have the same sign

(c) c and b have opposite signs

(d) c and b have the same sign

Sol.
