

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

- i. Find a quadratic polynomial, the sum and product of whose zeroes are $-2\sqrt{3}$ and -9 respectively. Also find its zeroes by factorisation.

Sol.

- ii. Given that $\sqrt{2}$ is a zero of the cubic polynomial $6x^3 + \sqrt{2}x^2 - 10x - 4\sqrt{2}$, find its other two zeroes.

Sol.
