

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date:

Name:

ID No.....

Multiple Choice Questions

Write the correct answer for each of the following:

1. If 5 is one zero of the quadratic polynomial $x^2 - kx - 15$, then the value of k is

(a) 2 (b) -2 (c) 4 (d) -4

Sol. _____

2. A quadratic polynomial with 3 and 2 as the sum and product of its zeroes respectively is

(a) $x^2 + 3x - 2$ (b) $x^2 - 3x - 2$

(c) $x^2 - 2x + 3$ (d) $x^2 - 2x - 3$

Sol. _____

3. A quadratic polynomial, whose zeroes are 5 and -8 is

(a) $x^2 + 13x - 40$ (b) $x^2 + 4x - 3$

(c) $x^2 + 3x + 40$ (d) $x^2 + 3x + 40$

Sol. _____

4. The number of polynomial having zeroes 1 and -2 is

(a) 1 (b) 2 (c) 3 (d) more than 3

Sol. _____
