



**ORCHIDS<sup>®</sup>**  
The International School

## Class 10 Mathematics – Polynomials Worksheet (Advanced 1)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Find a quadratic polynomial whose zeroes are 4 and -3.
2. Find a quadratic polynomial whose sum and product of zeroes are -5 and 6 respectively.
3. If one zero of  $x^2-5x+k$  is 2, find k.
4. If the sum of zeroes is 7 and one zero is 3, find the other zero.
5. If the product of zeroes is -12 and one zero is 4, find the other zero.
6. Find the quadratic polynomial whose zeroes are  $1/3$  and -2.