Worksheet: Polynomials

NIOS · Class 10 · Mathematics · 4 questions · 11 marks

Name: _____ Date: _____ Score: _____ / 11

Q1. Find the zeros of 4x² 4x 3 and verify the relationship between coefficients and zeros. *[2 marks]*

Q2. Find a quadratic polynomial whose zeros are 2 and 1/3. *[2 marks]*

Q3. Divide p(x) = x³ 3x² + 3x 5 by g(x) = x 1. Find quotient and remainder. *[3 marks]*

Q4. If ±and ²are the zeros of the polynomial x² p(x + 1) c, find (± 1)(²+ 1). *[4 marks]*