

1.10 Polynomial Equations

recall: the zeros of a polynomial function are the roots of a polynomial equation

recall: a polynomial function of degree n can have

0 to n real zeros if n is even

1 to n real zeros if n is odd

e.g.1: Solve $x^3 - 9x^2 + 8x + 60 = 0$

e.g.2: Solve for the following equation $2x^4 - 3x^3 + 7x^2 - 9x + 3 = 0$.