

2.3 Practice Activity

Practice 2.3-1-1:

Identify the degree, leading term, and leading coefficient of the polynomial $4x^2 - x^6 + 2x - 6$.

Practice 2.3-2-1:

Using the given polynomial, find the degree, leading term, leading coefficient, multiplicity, maximum number of turning points, and real zeros.

$$f(x) = -4x(x - 1)(x + 3)^2$$