

Chapter 4 Vocabulary List: Polynomial Functions

4.1

Polynomial

Polynomial Function

End Behavior

Monomial

Linear Function

Quadratic Function

4.2

Pascal's Triangle

4.3

Polynomial Long Division

Synthetic Division

Long Division

Divisor

Quotient

Remainder

Dividend

4.4

Factored Completely

Factor by Grouping

Quadratic Form

Zero of a Function

4.5

Repeated Solution (Multiplicity)

Roots of an Equation

Real Numbers

Conjugates

4.6

Complex Conjugates

Degree of a Polynomial

Solution of an Equation

4.7

Transformations

4.8

Local Maximum

Local Minimum

Even Function

Odd Function

Increasing

Decreasing

Symmetric about the y-axis

4.9

Finite Differences

Scatterplot