

MTH 30 LECTURE NOTES (Ojakian)

Topic 10: Polynomial Functions

OUTLINE

(References: 3.3)

1. Power Functions
 2. Polynomials
 3. End behavior
 4. Intercepts
-

1. Power Functions
2. End Behavior
4 cases: Even or odd exponent. Positive or negative coefficient.
3. Polynomial Function
 - (a) Terms (or Monomials)
 - (b) Degree
 - (c) Leading Term
4. Finding Intercepts
 - (a) Fundamental Theorem of Algebra