

Chapter 2(Part I) – Polynomial, Power, and Rational Functions

- 2.1 *Linear and Quadratic Functions and Modeling*
#1 - 7, 9, 13 - 18 (all), 21, 22, 24, 25, 27, 29, 33, 37, 40, 41, 53, 54, 58, 61, 72, 73
- 2.2 *Power Functions with Modeling*
#3 – 24 (multiples of 3), 29 – 34(all), 45 – 50 (all), 51, 54, 55b, 55d
(For #45-50: only state the constants k & a and describe the portion that lies in QI & QV)
- 2.3 *Polynomial functions of Higher Degree with Modeling*
#1, 3, 8, 9 – 12 (all), 25 – 32 (all), 33 – 42 (multiples of 3), 49, 52, 53, 54, 57, 63b, 63d, 73, 74
- 2.4 *Real Zeros of Polynomial Functions*
#4, 5, 7, 8, 15, 18, 21, 23, 25, 26, 27, 31, 33, 51, 57, 63, 65, 66
(For #51 & 57 use a graphing calculator to solve)

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