

Honors Algebra II Homework:

Chapter 2, Section 1: “*Use Properties of Exponents*”

Textbook Problems: 4, 6, 7, 9, 10, 11, 13, 14, 15, 17, 19, 21, 23, 24, 27, 28, 30, 33, 35,
41, 42, 43 – 45

Chapter 2, Section 2: “*Evaluate and Graph Polynomial Functions*”

Textbook Problems: 3 – 8, 9, 12, 15, 17, 19, 21, 24 – 27, 28, 30, 32, 34, 36, 38, 39,
42, 43, 44, 45, 50, 52

Chapter 2, Section 3: “*Add, Subtract, and Multiply Polynomials*”

Textbook Problems: 4, 6, 8, 10, 12, 14, 15, 17, 18, 19, 20, 22, 28, 32, 36, 38 – 45,
48, 56

Chapter 2, Section 4: “*Factor and Solve Polynomial Equations*”

Textbook Problems: 4, 5, 6, 7, 11, 13, 14, 16, 19, 21, 22, 23, 24 – 29, 32, 35, 36,
37, 38, 39, 40, 42 – 45, 47, 49, 51, 54, 56

Chapter 2, Section 5: “*Apply the Remainder and Factor Theorems*”

Textbook Problems: 6, 7, 8, 11, 13, 15, 17, 21, 23, 25, 27, 29, 31, 33, 36, 37, 38, 42

Chapter 2, Section 6: “*Find Rational Zeros*”

Textbook Problems: 3, 5, 7, 9, 15 – 18, 19, 22, 24, 26, 29, 33, 34, 35, 41 – 43, 47, 48

Chapter 2, Section 7: “*Apply the Fundamental Theorem of Algebra*”

Textbook Problems: 3, 4, 7, 8, 10, 12, 14, 15, 16, 21, 23, 24, 26, 27, 28, 34, 35, 37,
39, 41, 52
