

# Pre-Calculus Honors Summer Homework Packet

## I. Section A.1 Real Numbers and Their Properties

- Please read the section and complete the following problems:
- Page A8 3,5,7,9,17-19,23,29,31,38,43-49 odd,53,59, 60,63,67,69,82, 85-95 odd, 103-109 odd,110,113,115

## II. Section A.2 Exponents and Radicals

- Please read the section and complete the following problems:
- Page A20 9, 11, 13-16, 20, 21, 24, 28, 29, 33-35, 39, 42, 45a, 46a, 47a, 49, 51-56, 58-62 even, 65, 67, 68, 70, 72, 73, 79-85 odd, 91-101 odd, 107, 110, 111

## III. Section A.3 Polynomials and Factoring

- Please read the section and complete the following problems:
- Page A31 19, 22, 23, 24, 26, 33, 35, 43, 45, 51, 55, 63-69 odd, 73, 83-87 odd, 225-227, 97, 101, 106, 107, 119, 121, 127, 135, 143, 149, 159-187 odd, 205a, 209b, 215, 219, 229

## IV. Section A.4 Rational Expressions

- Please read the section and complete the following problems:
- Page A42 1, 6, 8, 15, 19, 25, 28, 39-41, 46, 47-51 odd, 56, 57, 59, 60, 65-68, 71-77 odd, 86

## V. Section A.5 Solving Equations

- Please read the section and complete the following problems:
- Page A56 19, 20, 23, 31, 39, 41, 45, 53, 61, 65, 67, 79, 81, 89, 91, 115, 119 (calc), 131, 185b (calc), 187, 135, 142, 147, 157, 159, 161-169 odd, 173, 175, 181, 189, 193 (calc), 195 (calc), 205, 213

## VI. Section A.6 Linear Inequalities in One Variable

- Please read the section and complete the following problems:
- Page A66 1, 5, 7, 9, 11, 12, 33, 38, 43, 49, 52, 56, 57, 59, 61, 64, 67, 71a, 73b, 75, 79, 83-89 odd, 91-93, 95, 99, 101a, 103, 105, 109 (calc)