

Algebra 2  
Prerequisite Chapter Outcomes and Homework

**OUTCOMES:**

At the end of Section P each student should be able to do the following:

- Apply the connection between real world situations and mathematical models
- Recognize and use appropriate mathematical vocabulary and notation (numbers, algebraic properties, fractions, sets, intervals, number of terms, degree)
- Apply exponent rules involving positive, negative and fractional exponents
- Multiply and factor polynomials
- Appropriately manipulate rational expressions

**HOMEWORK:**

These are the required problems for you to do and turn in. The book has lots more problems. If you are struggling with a type of problem, do more of that type for practice. Problems in bold type are honors questions, feel free to try them, they won't be graded for now. ☺ Use the answers in the back of the book to check your work.

P-1 # 5, 12, 25, 31, 38, 41, **43**

P-2 # 34, 35, 37, 39, 41, 45, 47, 49, 53, 57, 75, **77**

P-3 # 9, 13, 17, 21, 27, 35, 39, 47, 49, 53, 63, 80, **82a**

P-4 # 3, 11, 15, 17, 23, 27, 35, 39, 43, 49, 53, 57, 61, 65, **74**

P-5 # 17, 21, 27, 31, 33, 37, 41, 47, 57, **60**, 61

P-6 # 5, 9, 13, 15, 37, 43

P-6 # 17, 19, 21, 25, 29, 33, 47, 51, 53, 57, 61, 65, 69, **71, 75**, 79, 93, 98ac

P-7 # 9, 15, 17, 21, 25, 29, 31, 39, 45, 51, 55, 59, 77, 81, **97, 99**

Page 61 Test All and Chapter P Practice Test (Handout)