

Algebra 2
Chapter One Outcomes and Homework

OUTCOMES:

At the end of Chapter One each student should be able to do the following:

- Solve linear, rational, quadratic and absolute value equations
- Understand the definition of i ($\sqrt{-1}$) and use it algebraically
- Solve linear and nonlinear inequalities
- Set up and use mathematical models of the above types

HOMEWORK:

Problems in bold type are honors questions, feel free to try them, they won't be graded for now ☺

1-1 # 17, 21, 29, 33, 43, 51, 61, 69, 77, 83, 90, 93, **97**

1-2 # 13, 17, 21, 23, 29, 35, 43, 49, 51, **55**

1-3 # 3, 7, 9, 29, 35, 41, 43, 47, 57, 59, 71, 77

1-2 # 33, 39, 45, 47 1-3 # 81, 83, 89, 95, **102**

1-4 # 13, 19, 23, 25, 31, 37, 41, 42, 45, 49, 55, 59, **75**

1-5 # 5, 11, 15, 19, 23, 27, 33, 41, 45, **53**, 59, 69, 71, **74**

1-6 # 13, 21, 25, 31, 35, 39, 43, 48, 53, 61, 67, 75, 83, **86**

1-7 # 5, 9, 13, **17**, 23, 27, 31, 37, 45, 47, 49, 51, 53, **54**

Practice Test (Optional: do Ch test/ Ch rev in book if more practice desired)