

Algebra 2
Chapter Five Outcomes and Homework

OUTCOMES:

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

- Understand logarithmic functions as the inverses of exponential functions
- Graph exponential and logarithmic functions
- Use the laws of Logarithms to simplify algebraic expressions
- Solve equations involving exponential and/or logarithmic expressions
- Model and solve word problems using exponential/logarithmic expressions

HOMEWORK: (Bold is honors only, underlined is regular only)

5-1 # 15, 17, 19 – 24 all, 25, 31, 35, **39**, 51b, 65, 67, **69**, 75

5-2 # 1, 5, 7, 11, 13, 17, 21, 23, 27, 31, 33a, 35a, 39, 41 – 46 all, 51, 55, 61, **75**, 79

5-3 # 1, 3, 7, 11, 15, 23, 27, 41, 43, 47, 49, 53, **60**, 63

5-4 # 5, 9, 13, 19, 25, 27, 31, 37, 43, 47, **54**, 55, 59, 63, **65**, 67, 71, 76, **77**

5-5 # 1, 5, 7, 12, 17, **19**, 23, 27, 33, 36, **41**

Chapter Review Problems