

Math – Algebra 2.5
Hartley-Melvin-Sanborn CSD
Grade Level/Course Benchmarks

By the end of Algebra 2.5, students will:

- A2.5.1** Demonstrate an understanding of functions. (Standards 3,4)
- A2.5.2** Demonstrate the use of slopes (rate of change) and how they apply to real life situations. (Standards 4, 5)
- A2.5.3** Demonstrate how to solve a system of linear equations in real life situations by the use of graphs, algebraic methods and technology. (Standards 4, 6)
- A2.5.4** Demonstrate an understanding of both positive and negative exponents. (Standards 1, 4)
- A2.5.5** Demonstrate an understanding of the concepts relating exponential and logarithmic functions. (Standard 4)
- A2.5.6** Demonstrate the use of exponential growth and decay concepts and formulas in real life situations. (Standards 2, 4, 6)
- A2.5.7** Recognize the properties of power functions and be able to construct and interpret graphs of power functions. (Standards 4, 5)
- A2.5.8** Be able to compare power functions and exponential functions. (Standards 2, 4, 6)
- A2.5.9** Be able to understand the behavior and construct graphs of quadratic and other polynomial equations. (Standards 4, 6)

Revised: November, 2007