This text presents general mathematical ideas and tools used to solve practical problems including logic, sets, numbers, financial calculations, probability, statistics, and mathematics in politics, society, and the arts.

- Front Matter
- 1: Mathematics and Problem-Solving
- 2: Mathematics and Numbers
- 3: Mathematics and Finance
- 4: Probability and Odds
- 5: Data and Statistics
- 6: Growth and Decay
- 7: Mathematics and the Arts
- 8: Mathematics and Politics
- 9: Selected Topics
• Math 130: Math for Elementary School Teachers (Lagusker)

This text introduces number theory, problem solving techniques, and the development, structure and history of the real number system. The content is designed primarily for students intending to teach at the elementary or junior high school level.

• Front Matter
  • 1: Overview of Elementary Common Core Mathematics
  • 2: Empathy and Primary Mathematics
  • 3: Arithmetic and Mental Mathematics
  • 4: Fractions and Integers
  • 5: Number Theory
  • 6: Geometry
  • 7: Appendix
  • Back Matter