

Math 8
Semester 1 Final Exam
Thursday, January 21 & Friday, January 22

Chapter 1: Solving Equations

- Solving one-step Equations (1.1)
- Solving two-step Equations (1.2)
- Solving multi-step Equations (1.2)
- Solving eq. with variables on both sides (1.3)
 - Infinitely many solutions / no solution (1.3)
- Rewriting equations and formulas (1.4)

Chapter 2: Transformations

- Congruent Figures (2.1)
- Translations (2.2)
- Reflections (2.3)
- Similar Figures (2.5)
- Perimeter and Area of Similar Figures (2.6)
- Dilations (2.7)

Chapter 7: Real Numbers & the Pythagorean Th.

- Finding Square Roots (7.1)
- Finding Cube Roots (7.2)
- The Pythagorean Theorem (7.3)
- Approximating Square Roots (7.4)
- Converse of the Pythagorean Theorem (7.5)

Chapter 10: Exponents

- Exponents (10.1)
- Products of Powers Property (10.2)
- Quotient of Powers Property (10.3)
- Zero and Negative Exponents (10.4)
- Reading Scientific Notation (10.5)
- Writing Scientific Notation (10.6)
- Operations in Scientific Notation (10.7)