

# Math 71 Refresher Course Content

**7. Geometry and Measurement**

[Section 7.1: Lines and Angles](#)

[Section 7.2: Rectangles and Squares](#)

[Section 7.3: Parallelograms and Trapezoids](#)

[Section 7.4: Triangles](#)

[Section 7.5: Circles](#)

[Section 7.6: Volume and Surface Area](#)

[Section 7.7: Pythagorean Theorem](#)

[Section 7.8: Congruent and Similar Triangles](#)

[Section 7.9: Problem Solving with U.S. Customary Measurements](#)

[Section 7.10: The Metric System--Length](#)

[Section 7.11: The Metric System--Capacity and Weight \(Mass\)](#)

[Section 7.12: Problem Solving with Metric Measurement](#)

[Section 7.13: Metric--U.S. Customary Conversions and Temperature](#)

**8. Statistics**

**9. The Real Number System**

[Section 9.1: Exponents, Order of Operations, and Inequality](#)

[Section 9.2: Variables, Expressions, and Equations](#)

[Section 9.3: Real Numbers and the Number Line](#)

[Section 9.4: Adding Real Numbers](#)

[Section 9.5: Subtracting Real Numbers](#)

[Section 9.6: Multiplying and Dividing Real Numbers](#)

[Section 9.7: Properties of Real Numbers](#)

[Section 9.8: Simplifying Expressions](#)

**10. Equations, Inequalities, and Applications (partially included)**

[Section 10.1: The Addition Property of Equality](#)

[Section 10.2: The Multiplication Property of Equality](#)

[Section 10.3: More on Solving Linear Equations](#)

[Section 10.4: An Introduction to Applications of Linear Equations](#)

[Section 10.5: Formulas and Applications from Geometry](#) (partially included)

[Section 10.6: Solving Linear Inequalities](#)

[Section 10.7: Compound Inequalities](#)

[+ Section 10.8: Absolute Value Equations](#)

[+ Section 10.9: Absolute Value Inequalities](#)

[- 11. Graphs of Equations, Functions, and Inequalities in Two Variables](#) (partially included)

[+ Section 11.1: Reading Graphs: Linear Equations in Two Variables](#) (partially included)