

# Math 71 Refresher Course Content

A  symbol indicates that an animation is available for one or more exercises in this section.  
A  symbol indicates that a video is available for one or more exercises in this section.

## 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)

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 [\*\*Section 10.6: Solving Linear Inequalities\*\*](#)

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 [\*\*Section 10.7: Compound Inequalities\*\*](#)

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 [\*\*Section 10.8: Absolute Value Equations\*\*](#)

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 [\*\*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)