

Quantitative Reasoning with Corequisite Support: A Targeted Review | Table of Contents

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- Histograms and Frequency Tables for Grouped Data
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- Trees
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Corequisite Support: A Targeted Review

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 - Translate an English phrase to an algebraic expression
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 - Add and subtract polynomials
- Radicals
 - Square Root Expressions
 - Evaluate a square root
 - Simplify expressions with square roots

Chapter 3: Equations and Inequalities

- Translate English Statements into Mathematical Statements
 - Translate English statements into Expressions or Equations
 - Translate an English sentence to an algebraic equation and solve using the division and multiplication properties of equality
 - Translate an English sentence to an algebraic equation and solve using the subtraction and addition properties of equality
 - Translate algebraic expressions, equations, and inequalities into English and recognize expressions and equations
 - Solve Linear Equations
 - Solve Equations using the Addition and Subtract Properties of Equality
 - Verify a solution of an equation
 - Use the subtraction and addition properties of equality to solve application problems
 - Solve an equation using the subtraction and addition properties of equality
 - Solve an equation that requires simplification using the subtraction and addition properties of equality
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- Solve an equation involving fractions or decimals using the subtraction and addition properties of equality
 - Solve Equations using the Multiplication and Division Properties of Equality
 - Use the division and multiplication properties of equality to solve application problems
 - Solve an equation using the division and multiplication properties of equality
 - Solve an equation that requires simplification using the division and multiplication properties of equality
 - Solve an equation involving fractions or decimals using the division and multiplication properties of equality
 - Solving Equations with the Distributive Property
 - Solve an equation using the distributive property with variables on one side
 - Solve an equation using the distributive property with variables on both sides
 - A General Strategy for Solving Equations
 - Solve equations using cross multiplication
 - Classify equations as conditional, identity, or a contradiction
 - Solve an equation with variables on both sides
 - Solve an equation with constants on both sides
 - Solve an equation with constants and variables on both sides
 - Use a General Strategy for Solving Equations with Fractions and Decimals
 - Solve an equation involving fractions by eliminating the fractions and other steps
 - Solve an equation involving decimals by clearing the decimals
 - Solve an equation involving decimals with variables on both sides
 - Solve an equation involving fractions with variables on both sides
 - Solve an equation involving fractions by eliminating the fractions
 - Use Formulas while Solving Equations
 - Use Formulas while Solving Equations
 - Solve a formula for a given variable
 - Use a formula
 - Use the distance, rate, and time formula
 - Solve Applications
 - Solve coin word problems
 - Solve Applications of Percent
 - Percent Applications with Equations
 - Translate and solve basic percent equations
 - Solve basic applications of percent
 - Linear Inequalities
 - Graph Inequalities and Interval Notation
 - Use properties of inequalities
 - Graph an inequality on the number line
 - Express an inequality using interval notation
 - Solve Linear Inequalities
 - Solve simple inequalities in one variable algebraically
 - Translate an English sentence into an inequality and solve
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- Solve one-step applications with linear inequalities

Chapter 4: Lines

- Intercepts and Slope
 - Intercepts on the Coordinate Plane
 - Identify the x- and y-intercepts on a graph
 - Find the x- and y-intercepts from an equation of a line
 - Understanding Slope
 - Identify the slope and y-intercept from an equation of a line and relate a graph to the equation
 - Use the relationship between rise and run to find the slope of a line from its graph
 - Find the slope of horizontal and vertical lines
 - Determine the slope in applications
- Graphing Linear Equations
 - Graph Linear Equations
 - Recognize the relationship between the solutions of an equation and its graph
 - Graph a line given its equation using its slope and y-intercept
 - Graph and interpret applications of slope-intercept
 - Graph a line using the x- and y-intercepts

Appendix | Quantitative Reasoning with Corequisite Support: A Targeted Review

- Number Sense
 - Introduction to Number Sense
 - Integers
 - Fractions
 - Algebraic Expressions
 - Linear Equations and Inequalities
 - Linear Equations
 - Linear Inequalities
 - Math Models
 - Problem Solving
 - Geometry
 - Graphs
 - Graphing Linear Equations
 - Equations of Lines
 - Graphing Linear Inequalities
 - Systems of Linear Equations
 - Solving Systems of Linear Equations
 - Problem Solving
 - Exponential and Logarithmic Functions and Their Graphs
 - Exponential Functions
 - Logarithmic Expressions
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- Logarithmic Functions
 - Solve Exponential and Logarithmic Equations
 - Exponential and Logarithmic Models
 - Polynomials, Exponents, and Scientific Notation
 - Polynomials
 - Exponents
 - Scientific Notation
 - Roots and Radicals
 - Square Roots
 - Rational Exponents
 - Factoring and Quadratic Equations
 - Factor Polynomials
 - Solve Quadratic Equations
 - Sets
 - Sets
 - Sequences and Series
 - Sequences
 - Series
 - Data Presentation and Interpretation
 - Foundations of Statistics
 - Tables, Charts, and Graphs
 - Probability, Normal Distributions, Percentiles, Variance, and Standard Deviation
 - Circuits and Diagrams
 - Circuits and Diagrams
 - Mathematical Systems
 - Mathematical Systems
 - Clock and Modular Arithmetic
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