**2014c Course 3**

**Khan Academy Video Correlations  
By SpringBoard Activity**

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| **SB Activity** | **Video(s)** |
| **Unit 1: Numerical Relationships** | |
|  | ***Patterns*** |
| **Activity 1**  *Investigating Patterns*  1-1 Learning Targets:   * Analyze simple sequences. * Describe patterns in simple sequences and give the next terms in a sequence.   1-2 Learning Targets:   * Analyze more complex sequences. * Describe patterns in sequences and develop methods for predicting any term in a sequence   1-3 Learning Targets:   * Understand increasing and decreasing sequences. * Analyze sequences containing mathematical operations and those based on other patterns. | [***Number patterns: Seeing relationships***](http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/relationships-between-patterns)  [***Number patterns: interpreting relationships***](http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/interpreting-relationships-between-patterns)  [***Math patterns example 1***](http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/math-patterns-example-1http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/math-patterns-example-1)  [***Math patterns example 2***](http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/math-patterns-example-2) |
| **Activity 2**  *Operations with Fractions*   * 1. Learning Targets: * Represent a real-world context with fractions. * Simplify expressions involving fractions by adding and subtracting   1. Learning Targets: * Represent a real-world context with fractions. * Simplify expressions involving fractions by multiplying and dividing. * Write the reciprocal of a number. | ***Adding and Subtracting Fractions*** |
| [**Adding, subtracting fractions**](https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-fractions-decimals/cc-7th-add-sub-rational-numbers/v/adding-and-subtracting-three-fractions) |
| ***Multiplying and Dividing Fractions*** |
| [**Multiplying negative and positive fractions**](https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-fractions-decimals/cc-7th-mult-div-frac/v/multiplying-negative-and-positive-fractions) |
| **Activity 3**  *Powers and Roots*  3-1 Learning Targets:   * Interpret and simplify the square of a number. * Determine the square root of a perfect square   3-2 Learning Targets:   * Interpret and simplify the cube of a number. * Determine the cube root of a perfect cube   3-3 Learning Targets:   * Simplify expressions with powers and roots. * Follow the order of operations to simplify expressions | ***Exponents*** |
| [**Introduction to exponents**](http://www.khanacademy.org/math/pre-algebra/exponents-radicals/World-of-exponents/v/introduction-to-exponents)  [**Exponent example 1**](http://www.khanacademy.org/math/pre-algebra/exponents-radicals/World-of-exponents/v/understanding-exponents-2)  [**Exponent example 2**](http://www.khanacademy.org/math/pre-algebra/exponents-radicals/World-of-exponents/v/understanding-exponents) |
| ***Roots*** |
| [**Understanding square roots**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-roots/v/understanding-square-roots)  [**Finding cube roots**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-roots/v/finding-cube-roots) |
| ***Order of Operations*** |
| [**Introduction to order of operations**](http://www.khanacademy.org/math/pre-algebra/order-of-operations/order_of_operations/v/introduction-to-order-of-operations)  [**Order of operations example**](http://www.khanacademy.org/math/pre-algebra/order-of-operations/order_of_operations/v/order-of-operations)  [**Order of operations example: putting it all together**](http://www.khanacademy.org/math/pre-algebra/order-of-operations/order_of_operations/v/order-of-operations-1) |
| **Activity 4**  *Rational Numbers*  4-1 Learning Targets:   * Model fractions graphically. * Convert between fractions, decimals, and percents.   4-2 Learning Targets:   * Define and recognize rational numbers. * Represent repeating decimals using bar notation. * Convert a repeating decimal to a fraction.   4-3 Learning Targets:   * Compare rational numbers in different forms. * Represent repeating decimals using bar notation. * Utilize various forms of rational numbers. | ***Converting Between Forms of Rational Numbers*** |
| [**Converting percent to decimal and fraction**](http://www.khanacademy.org/math/pre-algebra/decimals-pre-alg/percent-intro-pre-alg/v/representing-a-number-as-a-decimal-percent-and-fraction)  [**Fraction to decimal**](https://www.khanacademy.org/math/pre-algebra/decimals-pre-alg/decimal-to-fraction-pre-alg/v/converting-fractions-to-decimals-example)  [**Converting fractions to decimals**](https://www.khanacademy.org/math/pre-algebra/decimals-pre-alg/decimal-to-fraction-pre-alg/v/converting-fractions-to-decimals)  [**Converting a fraction to a repeating decimal**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/converting-a-fraction-to-a-repeating-decimal)  [**Converting repeating decimals to fractions 1**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/coverting-repeating-decimals-to-fractions-1)  [**Converting repeating decimals to fractions 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/coverting-repeating-decimals-to-fractions-2)  [**Converting decimals to fractions 2 (ex 1)**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/converting-decimals-to-fractions-2-ex-1)  [**Converting decimals to fractions 2 (ex 2)**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/converting-decimals-to-fractions-2-ex-2)  [**Converting decimals to percents**](http://www.khanacademy.org/math/pre-algebra/decimals-pre-alg/percent-intro-pre-alg/v/converting-decimals-to-percents-ex-1)  [**Converting decimals to percents example 2**](http://www.khanacademy.org/math/pre-algebra/decimals-pre-alg/percent-intro-pre-alg/v/converting-decimals-to-percents-ex-2)  [**Converting percents to decimals**](http://www.khanacademy.org/math/pre-algebra/decimals-pre-alg/percent-intro-pre-alg/v/converting-percents-to-decimals-ex-1)  [**Converting percents to decimals example 2**](http://www.khanacademy.org/math/pre-algebra/decimals-pre-alg/percent-intro-pre-alg/v/converting-percents-to-decimals-ex-2) |
| **Activity 5**  *Rational and Irrational Numbers*  5-1 Learning Targets:   * Differentiate between rational and irrational numbers. * Approximate an irrational number in terms of a rational number   5-2 Learning Targets:   * Approximate an irrational number in terms of a rational number. * Compare and order irrational and rational numbers. | ***Irrational Numbers*** |
| [**Introduction to rational and irrational numbers**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/introduction-to-rational-and-irrational-numbers)  [**Recognizing irrational numbers**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/recognizing-irrational-numbers)  [**Approximating irrational number exercise example**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-irrational-numbers/v/approximating-irrational-number-exercise-example) |
| **Activity 6**  *Properties of Exponents*   * 1. Learning Targets: * Understand and apply properties of integer exponents. * Simplify multiplication expressions with integer exponents. * Simplify division expressions with integer exponents.   1. Learning Targets: * Understand and apply properties of integer exponents. * Simplify expressions with negative exponents.   1. Learning Targets: * Understand and apply properties of integer exponents. * Simplify expressions with zero as the exponent. * Simplify expressions with exponents raised to a power. | ***Properties of Positive Exponents*** |
| [**Exponent properties involving products**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/v/exponent-properties-involving-products)  [**Exponent properties involving quotients**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/v/exponent-properties-involving-quotients)  [**Products and exponents raised to an exponent properties**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/v/products-and-exponents-raised-to-an-exponent-properties)  [**Exponent rules part 1**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/v/exponent-rules-part-1)  [**Exponent rules part 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-exponent-properties/v/exponent-rules-part-2) |
| ***Properties of Zero, Fractional, and Negative Exponents*** |
| [**Negative exponents**](http://www.khanacademy.org/math/pre-algebra/exponents-radicals/negative-exponents-tutorial/v/negative-exponents)  [**Zero, negative, and fractional exponents**](http://www.khanacademy.org/math/pre-algebra/exponents-radicals/negative-exponents-tutorial/v/zero-negative-and-fractional-exponents) |
| **Activity 7**  *Scientific Notation*  7-1 Learning Targets:   * Express numbers in scientific notation. * Convert numbers in scientific notation to standard form. * Use scientific notation to write estimates of quantities.   7-2 Learning Targets:   * Express numbers in scientific notation. * Convert numbers in scientific notation to standard form. * Compare and order numbers in scientific notation. * Use scientific notation to write estimates of quantities. | ***Scientific Notation*** |
| [**Introduction to scientific notation**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation-old)  [**Scientific notation**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation)  [**Scientific notation examples**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation-examples)  [**Scientific notation example 1**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation-i)  [**Scientific notation example 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation/v/scientific-notation-example-2) |
| **Activity 8**  *Operations with Scientific Notation*  8-1 Learning Targets:   * Multiply numbers expressed in scientific notation. * Divide numbers expressed in scientific notation   8-2 Learning Targets:   * Add numbers expressed in scientific notation. * Subtract numbers expressed in scientific notation. | ***Multiplying and Dividing in Scientific Notation*** |
| [**Multiplying and dividing in scientific notation**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/v/multiplying-and-dividing-in-scientific-notation)  [**Multiplying in scientific notation**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/v/multiplying-in-scientific-notation)  [**Multiplying in scientific notation example**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/v/scientific-notation-3-new)  [**Dividing in scientific notation example**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-scientific-notation-compu/v/scientific-notation-3) |
| **Unit 2: Equations** | |
| **Activity 9**  *Writing Expressions*  9-1 Learning Targets:   * Identify and represent patterns using models, tables, and expressions. * Write and evaluate algebraic expressions that represent patterns with constant differences.   9-2 Learning Targets:   * Identify patterns that do not have a constant difference. * Write and evaluate algebraic expressions that represent patterns that do not have a constant difference. | ***Algebraic Expressions*** |
| [**What is a variable?**](http://www.khanacademy.org/math/algebra-basics/core-algebra-expressions/core-algebra-variables-and-expressions/v/what-is-a-variable)  [**Expression terms, factors, and coefficients**](https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-writing-expressions/v/expression-terms-factors-and-coefficients) |
| ***Representing Patterns*** |
| [**Number patterns: Seeing relationships**](http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/relationships-between-patterns)  [**Number patterns: interpreting relationships**](http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/interpreting-relationships-between-patterns)  [**Math patterns example 1**](http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/math-patterns-example-1http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/math-patterns-example-1)  [**Math patterns example 2**](http://www.khanacademy.org/math/pre-algebra/applying-math-reasoning-topic/number-patterns/v/math-patterns-example-2) |
| ***Writing Algebraic Expressions*** |
| [**Writing simple algebraic expressions**](http://www.khanacademy.org/math/algebra/introduction-to-algebra/writing-expressions-tutorial/v/writing-expressions-1)  [**Writing algebraic expressions**](http://www.khanacademy.org/math/algebra/introduction-to-algebra/writing-expressions-tutorial/v/writing-expressions-2)  [**Writing algebraic expressions word problem**](http://www.khanacademy.org/math/algebra/introduction-to-algebra/writing-expressions-tutorial/v/writing-expressions-3-exercise-example-1) |
| ***Evaluating Algebraic Expressions*** |
| [**Evaluating an expression example**](http://www.khanacademy.org/math/algebra/introduction-to-algebra/variable-and-expressions/v/variables-and-expressions-1)  [**Evaluating an expression using substitution**](http://www.khanacademy.org/math/algebra/introduction-to-algebra/variable-and-expressions/v/evaluate-a-formula-using-substitution) |
| **Activity 10**  *Solving Equations*  10-1 Learning Targets:   * Solve linear equations with rational number coefficients. * Solve linear equations by using the Distributive Property and collecting like terms.   10-2 Learning Targets:   * Use linear equations with one variable to model and solve real-world and mathematical problems. * Solve linear equations with variables on both sides of the equation by using the Distributive Property and collecting like terms. | ***Solving Linear Equations with Variables on Both Sides*** |
| [**Variables on both sides**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-linear-equations/v/equations-3)  [**Example 1: Variables on both sides**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-linear-equations/v/multi-step-equations-1)  [**Example 2: Variables on both sides**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-linear-equations/v/solving-equations-2)  [**Equation special cases**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/equation-special-cases)  [**Ex 2: Multi-step equation**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/ex-2-multi-step-equation) |
| ***Solving Equations Using the Distributive Property*** |
| [**Solving equations with the distributive property**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/solving-equations-with-the-distributive-property)  [**Solving equations with the distributive property 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/solving-equations-with-the-distributive-property-2)  [**Ex 1: Distributive property to simplify**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/multi-step-equations)  [**Ex 2: Distributive property to simplify**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/multi-step-equations-2)  [**Ex 3: Distributive property to simplify**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equations-distribution/v/equations-with-variables-on-both-sides) |
| ***Number of Solutions to a Linear Equation*** |
| [**Number of solutions to linear equations**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equation-solutions/v/number-of-solutions-to-linear-equations)  [**Number of solutions to linear equations ex 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equation-solutions/v/number-of-solutions-to-linear-equations-ex-2)  [**Number of solutions to linear equations ex 3**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-solving-equations/cc-8th-equation-solutions/v/number-of-solutions-to-linear-equations-ex-3) |
| **Activity 11**  *Exploring Slope*  11-1 Learning Targets:   * Understand the concept of slope as the ratio between any two points on a line. * Graph proportional relationships; interpret the slope and the y-intercept (0, 0) of the graph. * Use similar right triangles to develop an understanding of slope,   11-2 Learning Targets:   * Understand the connections among proportional relationships, lines, and linear equations. * Graph proportional relationships; interpret the slope and the y-intercept (0, y) of graphs. * Examine linear relationships as graphs and as equations to solve real-world problems. | Slope |
| [**Slope of a line**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-of-a-line)  [**Slope of a line 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-of-a-line-2)  [**Slope of a line 3**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-of-a-line-3)  [**Graphical slope of a line**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/graphical-slope-of-a-line)  [**Slope example**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-example) |
| ***y-intercepts*** |
| [**Interpreting intercepts of linear functions**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-intercepts/v/interpreting-intercepts-of-linear-functions)  [**Interpreting linear functions example**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/analyzing-functions-8th/v/interpreting-features-of-linear-functions-example) |
| **Activity 12**  *Slope-Intercept Form*  12-1 Learning Targets:   * Graph linear relationships represented in different forms. * Write an equation in the form y = mx + b to model a linear relationship between two quantities. * Interpret the meaning of slope and y-intercept in a problem context.   12-2 Learning Targets:   * Compare different proportional relationships represented in different ways. * Graph linear relationships and identify and interpret the meaning of slope in graphs.   12-3 Learning Targets:   * Derive equations of the form y = mx and y = mx + b from their graphs. * Graph linear relationships and identify and interpret the meaning of slope and y-intercept in graphs. | ***Graphing Linear Equations*** |
| [**Graphing a line in slope intercept form**](http://www.khanacademy.org/math/algebra-basics/core-algebra-graphing-lines-slope/core-algebra-graphing-slope-intercept/v/graphing-a-line-in-slope-intercept-form) |
| **Writing Linear Equations** |
| [**Multiple examples of constructing linear equations in slope-intercept form**](http://www.khanacademy.org/math/algebra-basics/core-algebra-graphing-lines-slope/core-algebra-equation-of-a-line/v/linear-equations-in-slope-intercept-form) |
| ***Interpreting Key Characteristics of Linear Functions*** |
| [**Interpreting linear functions example**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/analyzing-functions-8th/v/interpreting-features-of-linear-functions-example)  [**Interpreting intercepts of linear functions**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-intercepts/v/interpreting-intercepts-of-linear-functions) |
| **Activity 13**  *Proportional Relationships*  13-1 Learning Targets:   * Represent linear proportional situations with tables, graphs, and equations. * Identify slope and y-intercept in these representations and interpret their meaning in real-life contexts.   13-2 Learning Targets:   * Solve problems involving direct variation. * Distinguish between proportional and nonproportional situations using tables, graphs, and equations | ***Linear Proportional Relationships*** |
| [**Graphing proportional relationships example**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-graphing-prop-rel/v/graphing-proportional-relationships-example)  [**Graphing proportional relationships example 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-graphing-prop-rel/v/graphing-proportional-relationships-example-2)  [**Graphing proportional relationships example 3**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-graphing-prop-rel/v/graphing-proportional-relationships-example-3)  [**Constructing an equation for a proportional relationship**](http://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-ratio-proportion/cc-7th-proportional-rel/v/constructing-an-equation-for-a-proportional-relationship) |
| ***Directly Proportional Relationships*** |
| [**Analyzing proportional relationships from a table**](http://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-ratio-proportion/cc-7th-proportional-rel/v/analyzing-and-identifying-proportional-relationships-ex3)  [**Comparing proportional relationships**](http://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-ratio-proportion) |
| **Activity 14**  *Graphing Systems of Linear Equations*   * 1. Learning Targets: * Understand that solutions to systems of linear equations correspond to the points of intersection of their graphs. * Solve systems of linear equations numerically and by graphing. * Use systems of linear equations to solve real-world and mathematical problems.   14-2 Learning Targets:   * Convert linear equations into slope-intercept form. * Solve systems of linear equations by graphing. * Solve simple systems of linear equations by inspection. | ***Solving Systems of Linear Equations Graphically*** |
| [**Solving linear systems by graphing**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-linear-systems-by-graphing)  [**Solving systems graphically**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-systems-graphically)  [**Graphing systems of equations**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/graphings-systems-of-equations)  [**Graphical systems application problem**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/graphical-systems-application-problem)  [**Example 2: Graphically solving systems**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-systems-by-graphing-2)  [**Example 3: Graphically solving systems**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/solving-systems-by-graphing-3)  [**Testing a solution for a system of equations**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-graphically/v/testing-a-solution-for-a-system-of-equations) |
| **Activity 15**  *Solving Systems of Linear Equations Algebraically*  15-1 Learning Targets:   * Connect solutions to systems of linear equations to the points of intersection of their graphs. * Solve systems of linear equations algebraically   15-2 Learning Targets:   * Write linear systems to solve real-world and mathematical problems. * Solve systems of linear equations algebraically. | ***Solving Linear Systems Algebraically: Substitution*** |
| [**The substitution method**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/the-substitution-method)  [**Substitution method 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/substitution-method-2)  [**Substitution method 3**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/substitution-method-3)  [**Example 1: Solving systems by substitution**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/solving-systems-by-substitution-1)  [**Example 2: Solving systems by substitution**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/solving-systems-by-substitution-2)  [**Example 3: Solving systems by substitution**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/solving-systems-by-substitution-3)  [**Practice using substitution for systems**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-with-substitution/v/practice-using-substitution-for-systems) |
| ***Solving Linear Systems Algebraically: Elimination*** |
| [**Example 1: Solving systems by elimination**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/solving-systems-by-elimination)  [**Example 2: Solving systems by elimination**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/solving-systems-by-elimination-2)  [**Example 3: Solving systems by elimination**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/solving-systems-by-elimination-3)  [**Addition elimination method 1**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/addition-elimination-method-1)  [**Addition elimination method 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/addition-elimination-method-2)  [**Addition elimination method 3**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/addition-elimination-method-3)  [**Addition elimination method 4**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-elimination/v/addition-elimination-method-4) |
| ***Applications of Linear Systems*** |
| [**Using a system of equations to find the price of apples and oranges**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/using-a-system-of-equations-to-find-the-price-of-apples-and-oranges)  [**Linear systems word problem with substitution**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/algebraic-word-problem)  [**Systems of equation to realize you are getting ripped off**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/understanding-systems-of-equations-example)  [**Thinking about multiple solutions to a system of equations**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-systems-topic/cc-8th-systems-word-problems/v/understanding-systems-of-equations-example-2) |
| **Unit 3: Geometry** | |
| **Activity 16**  *Angle-Pair Relationships*  16-1 Learning Targets:   * Identify and determine the measure of complementary angles. * Identify and determine the measure of supplementary angles.   16-2 Learning Targets:   * Determine the measure of angles formed by parallel lines and transversals. * Identify angle pairs formed by parallel lines and transversals. | ***Complementary and Supplementary Angles*** |
| [**Complementary and supplementary angles**](https://www.khanacademy.org/math/cc-seventh-grade-math/cc-7th-geometry/cc-7th-angles/v/complementary-and-supplementary-angles)  [**Find measure of complementary angles**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-angles-between-lines/v/example-using-algebra-to-find-measure-of-complementary-angles)  [**Find measure of supplementary angles**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-angles-between-lines/v/example-using-algebra-to-find-measure-of-supplementary-angles) |
| ***Angles formed by Parallel Lines and Transversals*** |
| [**Angles formed by parallel lines and transversals**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-angles-between-lines/v/angles-formed-by-parallel-lines-and-transversals)  [**Figuring out angles between transversal and parallel lines**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-angles-between-lines/v/figuring-out-angles-between-transversal-and-parallel-lines)  [**Using algebra to find measures of angles formed from transversal**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-angles-between-lines/v/using-algebra-to-find-measures-of-angles-formed-from-transversal) |
| **Activity 17**  *Angles of Triangles and Quadrilaterals*  17-1 Learning Targets:   * Describe the relationship among the angles of a triangle. * Write and solve equations involving angles of a triangle.   17-2 Learning Targets:   * Describe and apply the relationship between an exterior angle of a triangle and its remote interior angles. * Describe and apply the relationship among the angles of a quadrilateral. | ***Angles in Triangles*** |
| [**Proof: Sum of measures of angles in a triangle are 180**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-triangle-angles/v/proof-sum-of-measures-of-angles-in-a-triangle-are-180)  [**Triangle angle example 1**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-triangle-angles/v/triangle-angle-example-1)  [**Triangle angle example 2**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-triangle-angles/v/triangle-angle-example-2)  [**Triangle angle example 3**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-triangle-angles/v/triangle-angle-example-3)  [**Challenging triangle angle problem**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-triangle-angles/v/challenging-triangle-angle-problem)  [**Finding more angles**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-triangle-angles/v/finding-more-angles) |
| **Activity 18**  *Introduction to Transformations*  18-1 Learning Targets:   * Recognize rotations, reflections, and translations in physical models. * Explore rigid transformations of figures.   18-2 Learning Targets:   * Determine the effect of translations on two-dimensional figures using coordinates. * Represent and interpret translations involving words, coordinates, and symbols.   18-3 Learning Targets:   * Determine the effect of reflections on two-dimensional figures using coordinates. * Represent and interpret reflections involving words, coordinates, and symbols.   18-4 Learning Targets:   * Determine the effect of rotations on two-dimensional figures using coordinates. * Represent and interpret rotations involving words, coordinates, and symbols. | ***Translations and Coordinates*** |
| [**Translations of polygons**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/transformations-congruence-similarity/v/translations-of-polygons)  [**Determining a translation for a shape**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/transformations-congruence-similarity/v/determining-a-translation-for-a-shape) |
| ***Reflections and Coordinates*** |
| [**Reflection and mapping points example**](https://www.khanacademy.org/math/basic-geo/transformations-congruence-similarity-geo/copy-of-transformations-congruence-similarity/v/reflection-and-mapping-points-example) |
| ***Rotations and Coordinates*** |
| [**Rotation of polygons example**](https://www.khanacademy.org/math/geometry/transformations/exploring-rigid-transformations/v/rotation-of-polygons-example)  [**Performing a rotation to match figures**](https://www.khanacademy.org/math/basic-geo/transformations-congruence-similarity-geo/copy-of-transformations-congruence-similarity/v/performing-a-rotation-to-match-figures)  [**Rotating segment about origin example**](https://www.khanacademy.org/math/basic-geo/transformations-congruence-similarity-geo/copy-of-transformations-congruence-similarity/v/rotating-segment-about-orgin-example) |
| **Activity 19**  *Rigid Transformations and Compositions*  19-1 Learning Targets:   * Explore properties of translations, rotations, and reflections on two-dimensional figures. * Explore congruency of transformed figures.   19-2 Learning Targets:   * Explore composition of transformations. * Describe the effect of composition of translations, rotations, and reflections on two-dimensional figures using coordinates. | ***Congruence and Transformations*** |
| [**Testing congruence by transformations example**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/transformations-congruence-similarity/v/testing-congruence-by-transformations-example)  [**Another congruence by transformation example**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/transformations-congruence-similarity/v/another-congruence-by-transformation-example) |
| **Activity 20**  *Similar Triangles*  20-1 Learning Targets:   * Identify similar triangles. * Identify corresponding sides and angles in similar triangles.   20-2 Learning Targets:   * Determine whether triangles are similar given side lengths or angle measures. * Calculate unknown side lengths in similar triangles. | ***Exploring Similar Triangles*** |
| [**Testing similarity through transformations**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/transformations-congruence-similarity/v/testing-similarity-through-transformations)  [**Similar triangles**](https://www.khanacademy.org/math/geometry/similarity/old_school_similarity/v/similar-triangles) |
| **Activity 21**  *Dilations*  21-1 Learning Targets:   * Investigate the effect of dilations on two-dimensional figures. * Explore the relationship of dilated figures on the coordinate plane.   21-2 Learning Targets:   * Determine the effect of the value of the scale factor on a dilation. * Explore how scale factor affects two-dimensional figures on a coordinate plane. | ***Dilations*** |
| [**Thinking about dilations**](https://www.khanacademy.org/math/geometry/transformations/dilations-scaling/v/thinking-about-dilations)  [**Scaling down a triangle by half**](https://www.khanacademy.org/math/basic-geo/transformations-congruence-similarity-geo/copy-of-transformations-congruence-similarity/v/scaling-down-a-triangle-by-half) |
| **Activity 22**  *The Pythagorean Theorem*  22-1 Learning Targets:   * Investigate the Pythagorean Theorem. * Understand and apply the Pythagorean Theorem.   22-2 Learning Targets:   * Investigate the Pythagorean Theorem. * Find missing side lengths of right triangles using the Pythagorean Theorem. | ***Pythagorean Theorem Basics*** |
| [**The Pythagorean theorem intro**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-pythagorean-theorem/v/the-pythagorean-theorem)  [**Pythagorean theorem**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-pythagorean-theorem/v/pythagorean-theorem)  [**Pythagorean theorem 2**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-pythagorean-theorem/v/pythagorean-theorem-2) |
| **Activity 23**  *Applying the Pythagorean Theorem*  23-1 Learning Targets:   * Apply the Pythagorean Theorem to solve problems in two dimensions. * Apply the Pythagorean Theorem to solve problems in three dimensions.   23-2 Learning Targets:   * Apply the Pythagorean Theorem to right triangles on the coordinate plane. * Find the distance between points on the coordinate plane. | ***Applications of the Pythagorean Theorem*** |
| [**Pythagorean theorem 1**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-pythagorean-theorem/v/pythagorean-theorem-1)  [**Pythagorean theorem 3**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-pythagorean-theorem/v/pythagorean-theorem-3)  [**Thiago asks: How much time does a goalkeeper have to react to a penalty kick?**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-pythagorean-theorem/v/soccer-thiago)  [**Pythagorean theorem in 3D**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-pythagorean-theorem/v/pythagoriean-theorem-in-3d) |
| **Activity 24**  *Converse of the Pythagorean Theorem*  24-1 Learning Targets:   * Explain the converse of the Pythagorean Theorem. * Verify whether a triangle with given side lengths is a right triangle.   24-2 Learning Targets:   * Verify whether a set of whole numbers is a Pythagorean triple. * Use a Pythagorean triple to generate a new Pythagorean triple. | **N/A** |
| **Activity 25**  *Surface Area*  25-1 Learning Targets:   * Find the lateral and surface areas of rectangular prisms. * Find the lateral and surface areas of triangular prisms.   25-2 Learning Targets:   * Find the lateral area of cylinders. * Find the surface area of cylinders. | ***Surface Area*** |
| [**Nets of polyhedra**](https://www.khanacademy.org/math/basic-geo/basic-geo-volume-surface-area/basic-geo-surface-area/v/nets-of-polyhedra)  [**Finding surface area: nets of polyhedra**](https://www.khanacademy.org/math/basic-geo/basic-geo-volume-surface-area/basic-geo-surface-area/v/surface-area-from-net) |
| **Activity 26**  *Volumes of Solids*  26-1 Learning Targets:   * Apply the formula for the volume of a prism. * Apply the formula for the volume of a pyramid.   26-2 Learning Targets:   * Apply the formula for the volume of a cone. * Apply the formula for the volume of a cylinder. * Apply the formula for the volume of a sphere.   26-3 Learning Targets:   * Decompose composite solids into simpler three-dimensional figures. * Find the volume of composite solids. | ***Volume*** |
| [**Find the volume of a triangular prism and cube**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-volume/v/solid-geometry-volume)  [**Cylinder volume and surface area**](https://www.khanacademy.org/math/basic-geo/basic-geo-volume-surface-area/basic-geo-volumes/v/cylinder-volume-and-surface-area)  [**Volume of a cone**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-volume/v/volume-cone-example)  [**Volume of a sphere**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-geometry/cc-8th-volume/v/volume-of-a-sphere) |
| **Unit 4: Functions** | |
| **Activity 27**  *Introduction to Functions*  27-1 Learning Targets:   * Define relation and function. * Evaluate functions.   27-2 Learning Targets:   * Understand that a function is a rule that assigns exactly one output to each input. * Identify functions using ordered pairs, tables, and mappings.   27-3 Learning Targets:   * Define domain and range. * Determine the domain and range of a relation.   27-4 Learning Targets:   * Identify functions using graphs. * Understand the difference between discrete and continuous data. | ***What is a Function*** |
| [**What is a function?**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-function-notation/v/what-is-a-function)  [**Difference between equations and functions**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-function-notation/v/difference-between-equations-and-functions)  [**Evaluating with function notation**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-function-notation/v/linear-function-graphs)  [**Understanding function notation (example 1)**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-function-notation/v/understanding-function-notation-example-1)  [**Understanding function notation (example 2)**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-function-notation/v/understanding-function-notation-example-2)  [**Understanding function notation (example 3)**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-function-notation/v/understanding-function-notation-example-3) |
| ***Mapping Inputs and Outputs*** |
| [**Relations and functions**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-function-intro/v/relations-and-functions)  [**Testing if a relationship is a function**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-function-intro/v/testing-if-a-relationship-is-a-function) |
| ***Identifying Functions*** |
| [**Domain and range of a relation**](https://www.khanacademy.org/math/algebra/algebra-functions/domain_and_range/v/domain-and-range-of-a-relation)  [**Domain and range of a function**](https://www.khanacademy.org/math/algebra/algebra-functions/domain_and_range/v/domain-and-range-of-a-function)  [**Domain and range 1**](https://www.khanacademy.org/math/algebra/algebra-functions/domain_and_range/v/domain-and-range-1) |
| ***Graphs of Functions*** |
| [**Graphical relations and functions**](https://www.khanacademy.org/math/algebra/algebra-functions/recognizing-functions/v/graphical-relations-and-functions)  [**Domain and range from graphs**](https://www.khanacademy.org/math/algebra/algebra-functions/domain_and_range/v/domain-and-range-from-graphs) |
| **Activity 28**  *Comparing Functions*  28-1 Learning Targets:   * Represent functions algebraically, graphically, tabularly, or verbally. * Compare properties of two or more functions.   28-2 Learning Targets:   * Compare properties of two or more functions, each represented in a different way. * Identify examples of proportional and nonproportional functions. | ***Comparing Linear Functions*** |
| [**Comparing linear functions**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/analyzing-functions-8th/v/comparing-features-of-functions-1)  [**Comparing linear functions 1**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/analyzing-functions-8th/v/comparing-features-of-functions-1)  [**Comparing linear functions 2**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/analyzing-functions-8th/v/comparing-features-of-functions-3)  [**Comparing linear functions 3**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/analyzing-functions-8th/v/comparing-features-of-functions-5) |
| **Activity 29**  *Constructing Functions*  29-1 Learning Targets:   * Construct a function to model a linear relationship between two quantities. * Graph functions that model linear relationships.   29-2 Learning Targets:   * Determine the rate of change and initial value of a function. * Interpret the rate of change and initial value of a linear function in terms of the situation it models. * Identify examples of proportional and nonproportional functions that arise from mathematical and real-world problems. | ***Constructing Functions*** |
|  |
| **Activity 30**  *Linear Functions*  30-1 Learning Targets:   * Model linear relationships between quantities using functions. * Identify and represent linear functions with tables, graphs, and equations.   30-2 Learning Targets:   * Identify linear and non-linear functions from tables, graphs, and equations. * Graph a linear function from a verbal description. * Understand that y = mx + b defines a linear equation. | ***Rate of Change*** |
| [**Slope and rate of change**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/cc-8th-slope/v/slope-and-rate-of-change) |
| **Activity 31**  *Linear and Non-Linear Functions*  31-1 Learning Targets:   * Determine if a function is linear or non-linear. * Represent functions with tables, graphs, and equations. * Find a trend line to represent data.   31-2 Learning Targets:   * Define, evaluate, and compare functions. * Recognize patterns in non-linear functions. * Represent functions with tables, graphs, and equations.   31-3 Learning Targets:   * Recognize the relationship between verbal descriptions and graphs of linear and non-linear functions. * Use a trend line to make predictions. | ***Linear and Non-Linear Functions*** |
| [**Recognizing linear functions**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/linear-nonlinear-functions-tut/v/recognizing-linear-functions)  [**Linear and nonlinear functions (example 1)**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/linear-nonlinear-functions-tut/v/linear-and-nonlinear-functions-example-3)  [**Linear and nonlinear functions (example 2)**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/linear-nonlinear-functions-tut/v/linear-and-nonlinear-functions-example-1)  [**Linear and nonlinear functions (example 3)**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-relationships-functions/linear-nonlinear-functions-tut/v/linear-and-nonlinear-functions-example-2) |
| **Unit 5: Probability and Statistics** | |
| **Activity 32**  *Scatter Plots and Association*  32-1 Learning Targets:   * Make a scatter plot. * Recognize patterns in scatter plots.   32-2 Learning Targets:   * Recognize patterns in scatter plots. * Describe association between two numerical variables in terms of direction, form and strength. | ***Scatter Plots*** |
| [**Constructing a scatter plot**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-data/cc-8th-scatter-plots/v/constructing-scatter-plot) |
| **Activity 33**  *Bivariate Data*  33-1 Learning Targets:   * Collect bivariate data from an experiment. * Summarize bivariate data in a scatter plot.   33-2 Learning Targets:   * Informally fit a line to bivariate data. * Use a trend line to make a prediction.   33-3 Learning Targets:   * Interpret scatter plots. * Use a trend line to make predictions. | ***Trend Lines*** |
| [**Interpreting a trend line**](https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-data/cc-8th-patterns-in-data/v/interpreting-trend-line)  [**Estimating the line of best fit exercise**](https://www.khanacademy.org/math/probability/regression/regression-correlation/v/estimating-the-line-of-best-fit-exercise) |
| **Activity 34**  *Median-Median Line*  34-1 Learning Targets:   * Determine if a linear model is a good fit for a scatter plot. * Find the median-median line for bivariate numerical data.   34-2 Learning Targets:   * Find the median-median line for bivariate numerical data. * Use the median-median line to make predictions. | **N/A** |
| **Activity 35**  *Two-Way Tables and Association*  35-1 Learning Targets:   * Analyze two-way tables and find relative frequencies. * Construct segmented bar graphs to display association.   35-2 Learning Targets:   * Understand association between two categorical variables. * Describe association between two categorical variables. | ***Two-Way Frequency Tables*** |
| [**Two-way frequency tables and Venn diagrams**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-data/two-way-tables/v/two-way-frequency-tables-and-venn-diagrams)  [**Two-way relative frequency tables**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-data/two-way-tables/v/two-way-relative-frequency-tables)  [**Interpreting two way tables**](http://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-data/two-way-tables/v/interpreting-two-way-tables) |
| ***Investigating Association*** |
| [**Analyzing trends in categorical data**](http://www.khanacademy.org/math/probability/statistical-studies/categorical-data/v/analyzing-trends-categorical-data) |
| **Unit 6: Personal Financial Literacy** | |
| **Activity 36**  Managing Money | **N/A** |