****Use these links with the Yukon College Math Assessment Review package.

Hold down Control on the keyboard and click the link to open the video lesson corresponding to each topic on the Math Assessment Part I. Do as little or as much as necessary to review.

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| **Arithmetic Review Booklet Topic** | **Khan Academy Video Topic** |
| Times Tables | [Multiplication tables for 2 to 9](https://www.khanacademy.org/math/arithmetic-home/multiply-divide/mult-facts/v/multiplication-2-the-multiplication-tables) |
|  | [Multiplication tables for 10, 11 and 12](https://www.khanacademy.org/math/arithmetic-home/multiply-divide/mult-facts/v/multiplication-3-10-11-12-times-tables) |
| Whole Numbers | [Adding whole numbers by their place values](https://www.khanacademy.org/math/pre-algebra/pre-algebra-arith-prop/pre-algebra-place-value/v/adding-whole-numbers-by-their-place-values)   |
|  | [Subtracting with regrouping (borrowing)](https://www.khanacademy.org/math/arithmetic/arith-review-add-subtract/arith-review-subtract-within-100/v/introduction-to-regrouping-borrowing) |
|  | [Multi-digit multiplication](https://www.khanacademy.org/math/arithmetic/arith-review-multiply-divide/arith-review-multi-digit-mult/v/multiplication-6-multiple-digit-numbers) |
|  | [Multi-digit division (no remainders)](https://www.khanacademy.org/math/arithmetic-home/multiply-divide/multi-digit-div/v/long-division-without-remainder) |
|  | [Remainders](https://www.khanacademy.org/math/arithmetic-home/multiply-divide/remainders/v/introduction-to-remainders) |
| Order of Operations | [Intro to order of operations](https://www.khanacademy.org/math/algebra-basics/basic-alg-foundations/alg-basics-order-of-operations/v/introduction-to-order-of-operations) |
| Fractions | [Fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-fractions-intro/v/fraction-basics) |
|  | [Multiplying fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-multiply-fractions/v/multiplying-a-fraction-by-a-fraction) |
|  | [Dividing fractions by fractions](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-dividing-fractions/v/conceptual-understanding-of-dividing-fractions-by-fractions) |
|  | [Adding and subtracting fractions with like denominators](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-adding-subtracting-frac/v/adding-fractions-with-like-denominators) |
|  | [Mixed Numbers](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-mixed-number/v/changing-a-mixed-number-to-an-improper-fraction) |
|  | [Adding and subtracting fractions with unlike denominators](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-fractions/v/visually-adding-fractions-with-unlike-denominators) |
|  | [Adding and subtracting mixed numbers with unlike denominators](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-mix-num-w-unlike-den/v/adding-subtracting-mixed-numbers-1-ex-1) |
| Decimals | [Decimals as words](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-intro/v/decimals-as-words) |
|  | [Comparing decimals](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-comparing-decimals/v/comparing-decimals-1-example) |
|  | [Rewriting decimals as fractions](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-decimals-to-fractions/e/converting_fractions_to_decimals_0.5) |
| Word Problems | [Multiplication and division word problems](https://www.khanacademy.org/math/arithmetic/arith-review-multiply-divide/arith-review-multistep-word-problems/v/multi-step-word-problems-with-whole-numbers-exercise-1) |
|  | [Adding and subtracting fractions word problems](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-add-sub-frac-word-probs/v/subtracting-fractions-word-problem-1) |
|  | [Multiplying fractions word problems](https://www.khanacademy.org/math/arithmetic/fraction-arithmetic/arith-review-mult-frac-word-probs/v/multiplying-fractions-word-problem) |
|  | [Adding and subtracting decimals word problems](https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-add-sub-decimals-word-problems/v/adding-decimals-word-problem) |
|  | [Two-step equation word problems](https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-linear-eq-word-probs/v/basic-linear-equation-word-problem) |
| Ratio & Proportion | [Intro to ratios](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-ratios-intro/v/ratios-intro) |
|  | [Ratio world problems](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-ratio-word-problems/v/ratio-word-problem-exercise-example-2) |
|  | [Intro to rates](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-rates/v/introduction-to-rates) |
|  | [Writing and solving proportions](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-write-and-solve-proportions/v/find-an-unknown-in-a-proportion) |
| Percent | [Intro to percents](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-intro-percents/v/describing-the-meaning-of-percent) |
|  | [Percent, fraction, decimal conversion](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-decimal-conversions/v/converting-decimals-to-percents-ex-1) |
|  | [Percent problems](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-problems/v/finding-percentages-example) |
|  | [Percent word problems](https://www.khanacademy.org/math/pre-algebra/pre-algebra-ratios-rates/pre-algebra-percent-word-problems/v/solving-percent-problems-2) |

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Hold down Control on the keyboard and click the link to open the video lesson corresponding to each topic on the Math Assessment Part II. Do as little or as much as necessary to review.

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| **Algebra Review Booklet Topic** | **Khan Academy Video Topic** |
| Real Numbers | [Adding & subtracting negative numbers](https://www.khanacademy.org/math/arithmetic/arith-review-negative-numbers/arith-review-add-and-sub-integersss/v/adding-integers-with-different-signs)  |
|  | [Multiplying & dividing negative numbers](https://www.khanacademy.org/math/arithmetic/arith-review-negative-numbers/arith-review-mult-divide-negatives/v/multiplying-positive-and-negative-numbers) |
|  | [Absolute Value](https://www.khanacademy.org/math/arithmetic/arith-review-negative-numbers/arith-review-abs-value/v/absolute-value-of-integers) |
| Scientific Notation | [Introduction to scientific notation](https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra-scientific-notation/v/scientific-notation-old) |
| Exponents | [Exponent Properties](https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra-exponent-properties/v/exponent-properties-involving-products) |
| Evaluating Expressions | [Introduction to variables](https://www.khanacademy.org/math/algebra/introduction-to-algebra/alg1-intro-to-variables/v/what-is-a-variable) |
|  | [Substitution & evaluating expressions](https://www.khanacademy.org/math/algebra/introduction-to-algebra/alg1-substitution/v/evaluating-expressions-in-two-variables) |
| Simplifying Expressions | [Combining like terms](https://www.khanacademy.org/math/algebra/introduction-to-algebra/alg1-manipulating-expressions/v/combining-like-terms) |
| Solving Equations | [One-step addition & subtraction equations](https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-one-step-add-sub-equations/v/adding-and-subtracting-the-same-thing-from-both-sides)  |
|  | [One-step multiplication and division equations](https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-one-step-mult-div-equations/v/simple-equations) |
|  | [Two-step equations intro](https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-two-steps-equations-intro/v/why-we-do-the-same-thing-to-both-sides-two-step-equations) |
|  | [Linear equations with variables on both sides](https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-variables-on-both-sides/v/why-we-do-the-same-thing-to-both-sides-multi-step-equations) |
|  | [Linear equations with parenthesis](https://www.khanacademy.org/math/algebra/one-variable-linear-equations/alg1-equations-with-parentheses/v/solving-equations-with-the-distributive-property) |
| Operations with Polynomials | [Adding & subtracting polynomials](https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/adding-and-subtracting-polynomials/v/adding-and-subtracting-polynomials-1) |
|  | [Adding & subtracting polynomials: two variables](https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/add-subtract-poly-two-var/v/example-adding-polynomials-with-multiple-variables) |
|  | [Multiplying monomials](https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/multiplying-monomials/v/multiply-monomials-intro) |
|  | [Multiplying monomials by polynomials](https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/multiplying-polynomials-by-monomials/v/area-model-of-monomial-polynomial-multiplication) |
|  | [Multiplying binomials](https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/multiplying-binomials-2/v/area-model-for-multiplying-binomials) |
|  | [Special products of the form (x+a)(x-a)](https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/special-products-of-polynomials/v/difference-of-squares-pattern-for-simple-binomials) |
|  | [Squaring binomials of the form (x+a)2](https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/special-products-of-polynomials/v/pattern-for-squaring-simple-binomials) |
|  | [Practice: Special products of binomials](https://www.khanacademy.org/math/algebra/introduction-to-polynomial-expressions/special-products-of-polynomials/e/multiplying_expressions_1) |
|  | [Division of polynomials by monomials](https://www.youtube.com/watch?v=5qOseWC4yc8) |
| Factoring | [Factoring polynomials by taking common factors](https://www.khanacademy.org/math/algebra/polynomial-factorization/factoring-polynomials-1-common-factors/v/factoring-linear-binomials) |
|  | [Factoring quadratics intro](https://www.khanacademy.org/math/algebra/polynomial-factorization/factoring-quadratics-1/v/factoring-simple-quadratic-expression) |
|  | [Factoring quadratics by grouping](https://www.khanacademy.org/math/algebra/polynomial-factorization/factoring-quadratics-2/v/factor-by-grouping-and-factoring-completely) |
|  | [Factoring quadratics: Difference of squares](https://www.khanacademy.org/math/algebra/polynomial-factorization/factoring-quadratics-diff-of-squares/v/difference-of-squares-intro) |
|  | [Factoring quadratics: Perfect Squares](https://www.khanacademy.org/math/algebra/polynomial-factorization/factoring-quadratics-perfect-squares/v/perfect-square-factorization-intro) |
| Graphing | [Two-variable linear equations intro](https://www.khanacademy.org/math/algebra/two-var-linear-equations/solutions-to-two-var-linear-equations/v/2-variable-linear-equations-graphs) |
|  | [x-intercepts and y-intercepts](https://www.khanacademy.org/math/algebra/two-var-linear-equations/x-and-y-intercepts/v/introduction-to-intercepts) |
|  | [Slope](https://www.khanacademy.org/math/algebra/two-var-linear-equations/slope/v/introduction-to-slope) |
|  | [Horizontal & vertical lines](https://www.khanacademy.org/math/algebra/two-var-linear-equations/hor-and-ver-lines-alg1/v/slope-of-a-line-3) |
|  | [Intro to slope-intercept form](https://www.khanacademy.org/math/algebra/two-var-linear-equations/slope-intercept-form/v/slope-intercept-form) |
|  | [Graphing slope-intercept equations](https://www.khanacademy.org/math/algebra/two-var-linear-equations/graphing-slope-intercept-equations/v/graphing-a-line-in-slope-intercept-form) |