Yukon University

Use these links with the Yukon University Math Assessment Review package.

Click the link to open the video lesson corresponding to each topic on the Math Assessment Part I. Click X on the first page. Do as little or as much as necessary to review.

Arithmetic Review Booklet Topic	**Khan Academy Video Topic**
Times Tables	Multiplication tables for 2 to 9
	Multiplication tables for 10, 11 and 12
Whole Numbers	Adding whole numbers by their place values
	Subtracting with regrouping (borrowing)
	Multi-digit multiplication
	Multi-digit division (no remainders)
	Remainders
Order of Operations	Intro to order of operations
Fractions	Fractions
	Multiplying fractions
	Dividing fractions by fractions
	Adding and subtracting fractions with like denominators
	Mixed Numbers
	Adding and subtracting fractions with unlike denominators
	Adding and subtracting mixed numbers with unlike denominators
Decimals	Decimals as words
	Comparing decimals
	Rewriting decimals as fractions
Word Problems	Multiplication and division word problems
	Adding and subtracting fractions word problems
	Multiplying fractions word problems
	Adding and subtracting decimals word problems
	Two-step equation word problems
Ratio & Proportion	Intro to ratios
	Ratio world problems
	Intro to rates
	Writing and solving proportions
Percent	Intro to percents
	Percent, fraction, decimal conversion
	Percent problems
	Percent word problems

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

Click the link to open the video lesson corresponding to each topic on the Math Assessment Part II. Click X on the first page. Do as little or as much as necessary to review.

Algebra Review Booklet Topic	Khan Academy Video Topic
Real Numbers	Adding & subtracting negative numbers
	Multiplying & dividing negative numbers
	Absolute Value
Scientific Notation	Introduction to scientific notation
Exponents	Exponent Properties
Evaluating Expressions	Introduction to variables
	Substitution & evaluating expressions
Simplifying Expressions	Combining like terms
Solving Equations	One-step addition & subtraction equations
	One-step multiplication and division equations
	Two-step equations intro
	Linear equations with variables on both sides
	Linear equations with parenthesis
Operations with Polynomials	Adding & subtracting polynomials
	Adding & subtracting polynomials: two variables
	Multiplying monomials
	Multiplying monomials by polynomials
	Multiplying binomials
	Special products of the form $(x+a)(x-a)$
	Squaring binomials of the form $(x+a)^2$
	Practice: Special products of binomials
	Division of polynomials by monomials
Factoring	Factoring polynomials by taking common factors
	Factoring quadratics intro
	Factoring quadratics by grouping
	Factoring quadratics: Difference of squares
	Factoring quadratics: Perfect Squares
Graphing	Two-variable linear equations intro
	x-intercepts and y-intercepts
	Slope
	Horizontal & vertical lines
	Intro to slope-intercept form
	Graphing slope-intercept equations