Math 105.01: Quiz and Exam Schedule

WEEK 1

Class 1 Concept Quiz:	Welcome survey
Class 2 Concept Quiz:	Math mindset activity
Class 3 Concept Quiz:	Discuss and apply the algebraic and graphical techniques to solve linear equations.

WEEK 2

Class 4 Concept Quiz:	What is the connection between multiplying two binomials and factoring a trinomial? How are these processes related to each other?
Class 5 Concept Quiz:	Describe the algebraic technique to solve quadratic equations. Describe the graphical technique to solve quadratic equations. How are these two techniques related? How are they different?
Class 6:	**Skill Quiz 1: Identify the Six Types of Algebraic Equations (Class 1 – Class 3)**

WEEK 3

Class 7 Concept Quiz:	What are the similarities and differences when using an algebraic technique to solve linear equations versus quadratic equations?
Class 8 Concept Quiz:	Explain function notation, create a table of values using function notation, explain how to graph a function based on a collection of input-output relations and then graph a function using a table of values.
Class 9:	**Skill Quiz 2: Solve Linear and Quadratic Equations using BOTH Algebraic and Graphical Techniques (Class 1 – Class 7)**

WEEK 4

Class 10 Concept Quiz:	Explain to a friend what it means to find the absolute value of a number. Be sure to include both a verbal description AND a graphical (spatial) representation of your ideas.
Class 11 Concept Quiz:	Describe the algebraic technique to solve quadratic equations. Describe the graphical technique to solve absolute value equations. How are these two techniques related? How are they different?
Class 12:	**Skill Quiz 3: Solve Quadratic, and Absolute Value Equations using BOTH Algebraic and Graphical Techniques (Class 1 – Class 12)**

WEEK 5

Class 13 Concept Quiz:	What does a fraction represent? Be sure to include both a verbal description AND a graphical (spatial) representation of your ideas?
Class 14 Concept Quiz:	Explain why we need to find a common denominator before adding or subtracting fractions. Be sure to include both a verbal description AND a graphical (spatial) representation of your ideas?
Class 15:	**Exam 1 on Solve Linear, Quadratic, and Absolute Value Equations using BOTH Algebraic and Graphical Techniques (Class 1 – Class 12)**

WEEK 6

Class 16 Concept Quiz:	Describe the process of simplifying the sum of rational expressions.
Class 17 Concept Quiz:	Describe the algebraic technique to solve rational equations. What inverse operations do we use to solve rational equations? How are these related to the other inverse operations we've studied?
Class 18:	**Skill Quiz 4: Simplify Rational Expressions and solve Rational equations using Algebraic Techniques (Class 1 – Class 17)**

WEEK 7

Class 19 Concept Quiz:	What is power notation and how do we read it?
Class 20 Concept Quiz:	Where do the rules of exponents come from? How are these related to the power notation and the operation of multiplication?
Class 21:	**Skill Quiz 5: Solve Rational Equations using Algebraic Techniques. Solve Quadratic or Absolute Value Equations using a Graphical Technique. (Class 1 – Class 17).**

WEEK 8

Class 22 Concept Quiz:	What is radical notation and how do we read it?
Class 23 Concept Quiz:	How do you write radical notation using exponents?
Class 24:	**Skill Quiz 6: Solve Rational Equations using Algebraic Techniques. Solve Quadratic or Absolute Value Equations using a Graphical Technique. (Class 1 – Class 17).**

WEEK 9

Class 25 Concept Quiz:	What happens when we add inside a radical expression?
Class 26 Concept Quiz:	Describe the algebraic technique to solve power and radical equations. What inverse operations do we use to solve power equations? How are these related to the other inverse operations we've studied?
Class 27:	**Exam 2 on Solve Quadratic, Absolute-Value, Rational, Power, and Radical Equations using BOTH Algebraic and Graphical Techniques (Class 1 – Class 26)**

WEEK 10

Class 28 Concept Quiz:	What happens when we square a binomial and combine like terms? What patterns do you notice in the resulting trinomials? How are the coefficients of the trinomial related to the original terms in the binomial?
Class 29 Concept Quiz:	What inverse operation do we use when we solve quadratic equations using completing the squares? How is this similar to and different from our use of the zero product property?
Class 30:	**Skill Quiz 7: Solve Quadratic Equations using Algebraic Techniques by using BOTH the Zero-Product Property and Completing the Square. Solve Quadratic Equations using a Graphical Technique. (Class 1 – Class 29).**

WEEK 11

Class 31 Concept Quiz:	Use factoring, completing the square, quadratic formula and graphical method to solve quadratic equations
Class 32 Concept Quiz:	Final Review: Recall the algebraic and graphical techniques to solve equations. Use these techniques to solve linear, absolute value, quadratic, rational, power, radical, exponential and logarithmic equations.
Class 33:	Final Review: Recall the algebraic and graphical techniques to solve equations. Use these techniques to solve linear, absolute value, quadratic, rational, power, radical, exponential and logarithmic equations..

WEEK 12; FINALS WEEK

Class 34:	**Cumulative Final Exam (Class 1 – Class 33)**