2023 - 2024 Mr. Nihart

01/07/2024 - 01/13/2024

Monday 01/08/2024	Tuesday 01/09/2024	Wednesday 01/10/2024	Thursday 01/11/2024	Friday 01/12/2024
OII/08/2024 7th Grade SNOW DAY - NO SCHOOL 8th Grade SNOW DAY - NO SCHOOL	And	7th Grade 5.5 - Simplify Algebraic Expressions Learning Target Students will be able to define parts of an algebraic expression as well as simplifying expressions by combining like terms. Standards 7.EE.2 Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related. For example, a + 0.05a = 1.05a means that "increase by 5%"is the same as "multiply by 1.05." 7.EE.1 Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients. Instruction Warm Up: #64 Vocab: terms, coefficients, constants 1st Period: - using Quizizz Lesson (5.5 + Review for Quiz) - students can start on 5.5 Go Formative (due Tuesday)	7th Grade 5.5 - Simplify Algebraic Expressions Learning Target Students will be able to define parts of an algebraic expression as well as simplifying expressions by combining like terms. Standards 7.EE.1 Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients. 7.EE.2 Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related. For example, a + 0.05a = 1.05a means that "increase by 5%"is the same as "multiply by 1.05." Instruction Warm Up: #65 - Talk About It Thursday Vocab: terms, coefficients, constants 1st Period - Think, Pair, Share p. 392 #16 and p. 393 #27 - Use Kahoot to practice adding like terms	01/12/2024 No School Day
		Expressions		

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 use 5.6 Desmos Lesson to teach adding expressions discuss/discover what are linear v. nonlinear expressions find perimeter by adding linear expressions start working on 5.5/5.6 Go Formative (due Tuesday) 	coefficients, etc. (10 Questions) - take 5.1 - 5.5 Quiz (Go Formative) 3rd Period - Subtracting Linear Expressions - use Quizizz Lesson to walk through examples on p. 404 - 406 - stress that the subtraction sign is a negative sign, or negative one - review vocabulary terms (constants, coefficients, like terms, etc.) - finish the 5.5/5.6 Go Formative		
Assessment 1st Period <i>Start on 5.5 Go Formative</i> <i>(due Tuesday)</i> 3rd Period <i>Start 5.5/5.6 Go Formative</i> <i>(due Tuesday)</i>			
8th Grade	- Blooket to practice		
4.3 - Functions	Assessment		
Learning Target Students will be able to evaluate functions, create function tables, and write functions for given real-world scenarios.	1st Period <i>Finish 5.5 Go Formative</i> 3rd Period <i>Finish 5.5/5.6 Go Formative</i> 8th Grade		
Standards	4.4 - Linear Functions		
8.F.1 Understand that a function is a rule that assigns to each input exactly one	Learning Target Students will be able to graph and write linear functions.		
output. The graph of a function is the set of ordered pairs consisting of an input and the corresponding output. 8.F.4 Construct a function to model a linear relationship	Standards 8.F.1 Understand that a function is a rule that assigns to each input exactly one output. The graph of a function is the set of ordered pairs consisting of an input and the corresponding		

and initial value of the

Planbook

function from a description of a relationship or from two (x, y) values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the situation it models, and in terms of its graph or a table of values.	8.F.3 Interpret the equation $y = mx + b$ as defining a linear function, whose graph is a straight line; give examples of functions that are not linear. For example, the function A = s^2 giving the area of a square as a function of its side length is not linear because its graph contains the points	
Instruction Warm Up: #66	(1,1), (2,4) and (3,9), which are not on a straight line.	
Vocab: function, f(x), independent and dependent variables - review how to write functions using #12 on p. 292 - I DO: 12a - We Do: 12b - They Do: 12c and 12d - Class Practice: 4.2 - 4.3 Kahoot (grade will be added on to assignment) - work time on 4.3 WS	8.F.4 Construct a function to model a linear relationship between two quantities. Determine the rate of change and initial value of the function from a description of a relationship or from two (x, y) values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the	
Assessment <i>4.3 Practice WS</i>	situation it models, and in terms of its graph or a table of values.	

Instruction

It Thursday

the outputs

Warm Up: #67 - Talk About

- walk through examples 1 - 5 (show how to graph while making a input/output table

Vocab: linear function - Use the 4.4 Desmos Lesson - Think, Pair, Share p. 295 - discuss what values are the input's and what values are

- 4.4 Problem Solving WS (offer as extra credit)

Assessment

None