2023 - 2024 Mr. Nihart

Monday	Tuesday	Wednesday	Thursday	Friday
02/19/2024	02/20/2024	02/21/2024	02/22/2024	02/23/2024
No School Day No School Day	Juesday 02/20/2024 7th Grade 6.6 - Solve Inequalities by Addition or Subtraction Learning Target Students will be able to write, solve, and graph inequalities involving addition and subtraction. Standards 7.EE.3 Solve multi-step real- life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional 1/10 of her salary an hour, or \$2.50, for a new salary of \$27.50. If you want to place a towel bar 9 3/4 inches long in the center of a door that is 27 1/2 inches wide, you will need to place the bar about 9 inches from each edge; this estimate can	 Wednesday 02/21/2024 7th Grade 6.7 - Solving Inequalities by Multiplication or Division Standards 7.EE.3 Solve multi-step real- life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional 1/10 of her salary an hour, or \$2.50, for a new salary of \$27.50. If you want to place a towel bar 9 3/4 inches long in the center of a door that is 27 1/2 inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation. 7.EE.4 Use variables to represent quantities in a real- world or mathematical 	Thursday 02/22/2024 7th Grade 6.7 - Solving Inequalities by Multiplication or Division Standards 7.EE.3 Solve multi-step real- life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional 1/10 of her salary an hour, or \$2.50, for a new salary of \$27.50. If you want to place a towel bar 9 3/4 inches long in the center of a door that is 27 1/2 inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation. 7.EE.4 Use variables to represent quantities in a real- world or mathematical	 7th Grade 6.7 - Solve Inequalities by Multiplication or Division Standards 7.EE.3 Solve multi-step real- life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional 1/10 of her salary an hour, or \$2.50, for a new salary of \$27.50. If you want to place a towel bar 9 3/4 inches long in the center of a door that is 27 1/2 inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation. 7.EE.4 Use variables to represent quantities in a real- world or mathematical

be used as a check on the exact computation. 7.EE.4 Use variables to represent quantities in a real-	simple equations and inequalities to solve problems by reasoning about the quantities.	simple equations and inequalities to solve problems by reasoning about the quantities.	simple equations and inequalities to solve problems by reasoning about the quantities.
world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.	Instruction Warm Up: #87 Vocab: inequality - spend first 10 minutes reviewing addition and subtraction inequalities using word problems on p. 501 -	Instruction Warm Up: #88 - Talk About It Thursday Vocab: inequality - talk about and check Completion Check	Instruction Warm Up: Quiz 6.3 - 6.7 Vocab: - 10 Question Stations - Writing equations for real- world scenarios and solving - band out study guides
Warm Up: #86 Vocab: inequality, solution	502 - walk through examples 1 - 5	writing equalities using real- world problems (using quizizz	Assessment 6.7 Stations
set - review how to solve and	- test the inequalities to show	- Kahoot Review Day (solving	8th Grade
graph solution sets for one- step addition/subtraction inequalities - spend the majority of class time looking at word problems/real-world scenarios (writing	why we switch the inequality signs - Think-Pair-Share: Guided Practice p. 508 - 6.7 Self-Check Quiz - They Do: Independent Practice p. 509 - 510 (1- 17)	inequalities 12 questions, solving equations: rational, two-step, distributive property) - review problems that will be on the quiz *Handout Study Guides*	5.7 - Distance on Coordinate Plane
			Standards 8.EE.2 Use square root and cube root symbols to represent solutions to
inequalities, solving, and	Assessment	Assessment	equations of the form $x^2 = p$
graphing solution sets) - any leftover time can be used to complete the 6.6	6.7 Completion Check p. 509 - 510	None 8th Grade	and x ³ = p, where p is a positive rational number. Evaluate square roots of
McGraw Hill online	8th Grade	5.6 - Using Pythagorean	small perfect squares and
assignment	5.6 - Using Pyth. Theorem	Theorem	cube roots of small perfect
Assessment Finish 6.6 McGraw Hill Assessment (due Wednesday)	Standards 8.G.7 Apply the Pythagorean Theorem to determine unknown side lengths in right	Standards 8.EE.2 Use square root and cube root symbols to represent solutions to	 cubes. Know that v2 is irrational. 8.G.8 Apply the Pythagorean Theorem to find the distance
••	triangles in real-world and	$\frac{1}{2}$	between two points in a

8th Grade

5.5 - Pythagorean Theorem

Standards

8.G.7 Apply the Pythagorean Theorem to determine

triangles in real-world and mathematical problems in two and three dimensions.

8.EE.2 Use square root and cube root symbols to represent solutions to

Instruction Warm Up: #89

equations of the form $x^2 = p$

and $x^3 = p$, where p is a

positive rational number.

Evaluate square roots of

small perfect squares and

cube roots of small perfect

Vocab: coordinate plane

coordinate system.

- Individual practice today - leftover time is used to finish

Finish 5.5 Go Formative

5.5 Go Formative Assessment

unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions. 8.EE.2 Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$	equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.	 cubes. Know that √2 is irrational. 8.G.7 Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions. 	 walk through and check the Got It ?'s use Quizizz for partner practice problems whiteboard practice with partners Assessment None
and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.	Instruction Warm Up: #87 Vocab: legs, hypotenuse, Pythagorean Theorem - walk through the examples and Got It ?'s together - partner solve #5 on p. 427,	Instruction Warm Up: #88 - Talk About It Thursday Vocab: hypotenuse, legs, Pythag. Theorem - explain Math Madness - Scavenger Hunt (12	
Instruction Warm Up: #86 - Right Triangle Or Not (Desmos Card Sort)	#10 p. 428, #18 p. 430 - the rest of the time to work on the 5.6 Go Formative *Handout Study Guides*	Questions) - left over time to watch the 5.7 EDPuzzle	
Vocab: legs, hypotenuse, Pythagorean Theorem - Kahoot (5.5 Pythagorean Theorem)	Assessment 5.6 Go Formative	Assessment 5.6 Scavenger Hunt, 5.7 EDPuzzle	