Monday

02/19/2024
Tuesday
$02 / 20 / 2024$

## 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 reallife 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 $271 / 2$ inches wide, you will need to place the bar about 9 inches from each edge; this estimate can

## 7th Grade <br> 6.7-Solving Inequalities by Multiplication or Division <br> Standards <br> 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 $271 / 2$ 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 realworld or mathematical problem, and construct

Thursday
$02 / 22 / 2024$

## 7th Grade <br> 6.7 - Solving Inequalities by Multiplication or Division

## Standards

7.EE. 3 Solve multi-step reallife 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 $93 / 4$ inches long in the center of a door that is $271 / 2$ 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 realworld or mathematical problem, and construct

Friday
$02 / 23 / 2024$
02/23/2024

## 7th Grade

6.7 - Solve Inequalities by Multiplication or Division

## Standards

7.EE. 3 Solve multi-step reallife 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 $271 / 2$ 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 realworld or mathematical problem, and construct
simple equations and inequalities to solve problems by reasoning about the quantities.

## Instruction

Warm Up: Quiz 6.3-6.7

## Vocab:

- 10 Question Stations
- Writing equations for realworld scenarios and solving - hand out study guides


## Assessment

6.7 Stations

## 8th Grade

## 5.7 - Distance on <br> Coordinate Plane

## Standards

8.EE. 2 Use square root and cube root symbols to
represent solutions to 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.
8.G.8 Apply the Pythagorean Theorem to find the distance between two points in a coordinate system.

## Instruction

Warm Up: \#89
Vocab: coordinate plane
cubes. Know that $\sqrt{ } 2$ 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.

## Instruction

Warm Up: \#88-Talk About It Thursday
Vocab: hypotenuse, legs,

## Pythag. Theorem

- explain Math Madness
- Scavenger Hunt (12

Questions)

- left over time to watch the 5.7 EDPuzzle


## Assessment

5.6 Scavenger Hunt, 5.7

EDPuzzle

- walk through and check the Got It ?'s
- use Quizizz for partner practice problems
- whiteboard practice with partners

Assessment
None

