

Name: \_\_\_\_\_ Weekly Math Homework: Week 14 11/27-12/1 Block: \_\_\_\_\_

You are responsible for getting ALL columns completed each week (even if you are absent). Weekly homework is due on the last day of EVERY week for an informal grade. Remember to flip to the back! Be responsible ☺

<b>Monday</b>	<b>Tuesday</b>
Convert the phrase into a mathematical equation.  "three more than the quotient of a number and negative six is 10"	Solve for x.  $6 = \frac{x+7}{-9}$
Factor the expression using the Greatest Common Factor.  $20ab + 25b$	Draw a number line and graph the inequality below.  $y \geq 4$
What is the difference between the words "twice" and "squared"? Write two examples below.	List 3 numbers that would be a part of the solution below:  $y < -19$
Simplify the expression below:  $4(2x - 8) - 10(6x + 2)$	Solve for x.  $-17 + x > 20$
Draw a number line and graph the inequality below.  $X > 0$	Sarah is 14 years younger than double Kevin's age. Sarah is 28 years old. How old is Kevin? Set up an equation to solve.

Wednesday	Thursday
<p>What is the difference between the words “triple” and “cubed”? Write two examples below.</p>	<p>The sum of three consecutive numbers is 39. What is the <b>smallest</b> of these three numbers? Set up an equation to solve.</p>
<p>There are 3 consecutive integers that have a sum of -18. What are the integers?</p>	<p>Solve for x.</p> $42 - x = -32$
<p>What is the difference between an open and closed circle when graphing inequalities? Give examples for each.</p>	<p>Solve for m.</p> $\frac{m}{4} + 3 = -12$
<p>Solve the following equation by using the distributive property.</p> $-4(.5x + 2) = 40$	<p>Write the sentence as an equation.</p> <p>“Ten less than double a number is 40”</p>
<p>Simplify the expression using the distributive property:</p> $(12 + 6s)(0.5)$	<p>Solve for z.</p> $1 + 4z \geq 9$