Name: _____ Weekly Math Homework - Q1:2 Teacher: _____

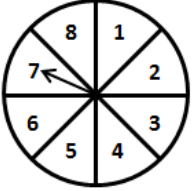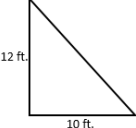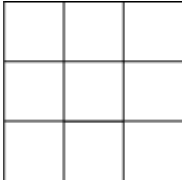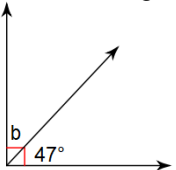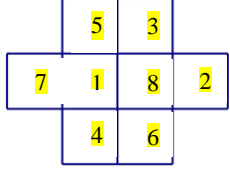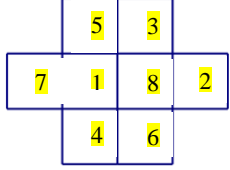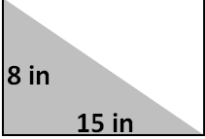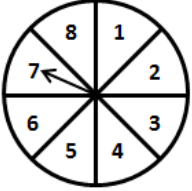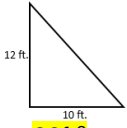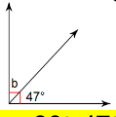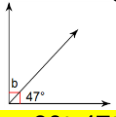| Monday	Tuesday	Wednesday	Thursday
If $5(3x - 7) = 20$, then what is $6x - 8$?	A twelve-hour clock is set at the correct time on the afternoon of May 17th. If the clock loses 6 minutes per day, what is the next calendar day on which it will show the correct time?	Place the numbers 1 – 8 in the boxes below so that consecutive numbers are not touching each other vertically, horizontally or diagonally.	
Expand the following: $\frac{4}{5}(20x - 10)$	The product of two numbers is 144, but their sum is –24. What are these two numbers?	How long is the diagonal of this rectangle? 8 in 15 in	What two integers does $\sqrt{7}$ fall between? A) 2 and 3 B) 4 and 5 C) 6 and 8 D) It's exactly 3.5
What is the probability of spinning once and having it land on either 2 or 8? What is the probability of spinning once and having it land on either 2 or a number greater than 5? Find the probability of spinning a prime number.	Fill in the Blank 108 inches = _____ feet	How much if half of 7.75?	Christian is going to paint the wall underneath his staircase. How many square feet will he need to paint? 12 ft. 10 ft.
	Simplify by combining like terms: $-3 + 6x - 18 - 22x$	Which number(s) below represents a repeating decimal? $-\frac{2}{3}, -\frac{3}{5}, \frac{3}{10}, \frac{11}{20}$	Simplify $-\frac{4}{7} + \left(-\frac{4}{3}\right) =$
	Simplify by combining like terms: $-5x - 13 + 7y + 26x$	How many squares are in this figure?	How long will it take you to drive 315 miles at a speed of 45 miles per hour?
The ratio of the price of a used washer to a new one is 1:3. If a new washer costs $720, how much could you resell it used?	A teenager can wash 2 tables per minute. Write an expression for how many tables they can wash in m minutes.	A rectangle has a length of 6 cm and a width of 3 cm. Each side is doubled in length. What is the ratio of the areas of the two rectangles?	What is the range of values for the measurement $200 \pm 3\%$?
Write and solve an equation that represents the following: Ten less than a number is equal to nine.	Write and solve an equation to find the missing value: b 47°	Sally put $372 into a bank account which will now have $811 in it. Write and solve an equation that show how much was originally in the account.	Write an inequality that represents eight less than three times a number is more than 22.
Write an inequality to represent the phrase: The product of a number and 5 is at least 45.	Write and solve an equation that represents the following: A number decreased by 12 is 24.	If $x - 5 = 2$, then find the value of $6x - 20$	Cindy lost 28 pounds while on a diet. She now weighs 157 pounds. Write and solve an equation to find her initial weight.

My Work

Monday	Tuesday

Wednesday	Thursday

My Progress

MONDAY	TUESDAY	WEDNESDAY	THURSDAY
# of questions _____	# of questions _____	# of questions _____	# of questions _____
# correct _____	# correct _____	# correct _____	# correct _____
I need more help with… _____	I need more help with… _____	I need more help with… _____	I need more help with… _____

Monday	Tuesday	Wednesday	Thursday

If $5(3x - 7) = 20$, then what is $6x - 8$?
 	
 14
	A twelve-hour clock is set at the correct time on the afternoon of May 17th. If the clock loses 6 minutes per day, what is the next calendar day on which it will show the correct time?
	 January 12th
		Place the numbers 1 – 8 in the boxes below so that consecutive numbers are not touching each other vertically, horizontally or diagonally.	`5` `3`
			 `7` `1` `8` `2`
			 `4` `6`

Expand the following: $\frac{4}{5}(20x - 10)$ $16x - 8$	The product of two numbers is 144, but their sum is –24. What are these two numbers? **-12 & -12**	How long is the diagonal of this rectangle? 8 in 15 in **17in**	What two integers does $\sqrt{7}$ fall between? **A) 2 and 3** B) 4 and 5 C) 6 and 8 D) It's exactly 3.5
  What is the probability of spinning once and having it land on either 2 or 8? **25%** What is the probability of spinning once and having it land on either 2 or a number greater than 5? **50%** Find the probability of spinning a prime number. **50%**	Fill in the Blank 108 inches = ___**9**___ feet	How much if half of 7.75? **3.875**	Christian is going to paint the wall underneath his staircase. How many square feet will he need to paint? 12 ft. 10 ft. **60ft²**
	Simplify by combining like terms: $-3 + 6x - 18 - 22x$ $-21 - 16x$	Which number(s) below represents a repeating decimal? $-\frac{2}{3}, -\frac{3}{5}, \frac{3}{10}, \frac{11}{20}$	Simplify $-\frac{4}{7} + \left(-\frac{4}{3}\right) =$ $-\frac{40}{21}$
	Simplify by combining like terms: $-5x - 13 + 7y + 26x$ $21x - 13 + 7y$	How many squares are in this figure? **14**	How long will it take you to drive 315 miles at a speed of 45 miles per hour? **7 hours**
The ratio of the price of a used washer to a new one is 1:3. If a new washer costs $720, how much could you resell it used? **$240**	A teenager can wash 2 tables per minute. Write an expression for how many tables they can wash in m minutes. **2m**	A rectangle has a length of 6 cm and a width of 3 cm. Each side is doubled in length. What is the ratio of the areas of the two rectangles? **1:4**	What is the range of values for the measurement $200 \pm 3\%$? **194-206**
Write and solve an equation that represents the following: Ten less than a number is equal to nine. **x-10=9** **x=19**	Write and solve an equation to find the missing value: b 47° **b= 90°-47°** **b=43°**	Sally put $372 into a bank account which will now have $811 in it. Write and solve an equation that show how much was originally in the account. **811-372=x** **x=$439**	Write an inequality that represents eight less than three times a number is more than 22. $3x - 8 > 22$
Write an inequality to represent the phrase: The product of a number and 5 is at least 45. $5x \geq 45$	Write and solve an equation that represents the following: A number decreased by 12 is 24. $x - 12 = 24$	If $x - 5 = 2$, then find the value of $6x - 20$ **22**	Cindy lost 28 pounds while on a diet. She now weighs 157 pounds. Write and solve an equation to find her initial weight. **x=157+28** **x=185**