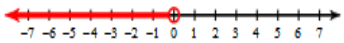
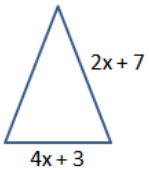
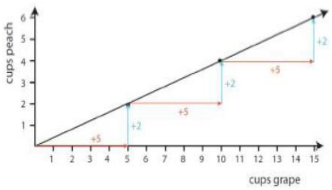
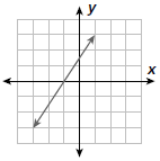
Name: Weekly Math Homework – Q2:5 Teacher:

Monday	Tuesday	Wednesday	Thursday
Solve: $2x + 8 - 22x = -2$	Solve: $\frac{k}{4} - 5k + 1 = 1$	Solve: $1 + 8n = 13 + 6n$	Solve: $20 - 6n = -2(n + 6)$
A basketball team posts player foul shot ratios: • Jon made 18 of 19 • Jim got ⅝ in • Joe wrote $.\overline{94}$ Who was the better shooter?	Janet sees this tag on a $70 hand bag. How much is the new price of the bag? 	In the problem to the left, Janet has $60. If tax is 5%, will she have enough money left over to purchase a $12 movie ticket?	Joe is training for a race in 30 days. He needs to run a total of 135 miles. How many miles will Joe need to run each day to be ready for the race?
Solve: $-5\frac{3}{4} + 3h \leq 9\frac{1}{4}$	Solve: $20 < 2m - 16$	Solve: $10 - 3x > -23$	Solve: $14 \geq -2(-2z + 3)$
Graph the inequality on a number line: $x \geq 11$ 	Write an inequality that represents the graph below: 	Solve and graph the inequality on a number line: $-7 > g - 21$ 	Write an inequality that represents the graph below: 
Write an inequality for x that would give this isosceles triangle a perimeter of at least 137 ft. 	In the problem to the left, solve the inequality and graph it on the number line below: 	Write an inequality that represents the phrase: Anything less than a GPA of 3.7 is not good enough.	The heavyweight weight class in high school wrestling is from no less than 195lbs & a maximum of 285lbs. Write two inequalities to represent this range.
How much is the cost per ticket? Ride Tickets / Cost ($) 5 / $7.50 7 / $10.50 9 / $13.50 10 / $15.00	A gallon of apple juice is $7. A pack of eight 4.23 oz box apple juice is $2.39. Which is a better deal?	Jon drove 432 miles on 20 gallons of gas. How many miles did he get per gallon?	Which has the best unit rate?  16 oz for $3.30 64 oz for $8.60
At a currency exchange, 3 U.S. dollars can be exchanged for 5 Japanese Yin. How many Yin will you receive for 1 U.S. dollar?	 The y-value goes up by _____ every time the x-value goes up by _____? How many cups of peach are there per 1 cup of grape?	Jon walked 8 miles in 3 hours. Jim walked 14 miles in 5 hours. Are these rates in proportion? If no, who walked faster?	Does this graph represent a proportional relationship? 
As the same currency exchange as in the problem above, how many U.S. dollars will you receive for 1 Japanese Yin?		Which pair of ratios does not form a true proportion? A) 8:14 and 20:35 B) 6 to10 and 15 to 25 C) $\frac{9}{5} = \frac{27}{15}$ D) 12:15 and 30:50	Which table represents a constant increase of x & y? x / 3 / 5 / 7 y / 4 / 6 / 8 x / 1 / 2 / 3 y / 3 / 6 / 10

My Work

Monday	Tuesday
Wednesday	Thursday

My Progress

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