SHOW ALL WORK FOR CREDIT!!!

Name: Weekly #7 Due 11/9/16

Wednesday	Thursday
1. Solve the equation. Check your solution! $\frac{x}{2} - 18 = -28$	6. -3.04 + 5.1
2. Simplify: Remember to distribute signs in front of coefficients! (13x + 10y) –3(6x – 7y)	7. A rectangle has a length of (2x + 1) and a width of 3 inches. Find the Perimeter and the Area of the rectangle. A = l * w Perimeter- Add the sides
3. Solve: $-15 - 2g + 6g = 1$	8. Simplify using the Distributive Property. Show steps! $\frac{4}{5}(20x - 10)$
4. Subtract: $-\frac{4}{7} - \frac{2}{5}$ =	9. Solve and graph. Check one of your solutions! $5 - 3x > -19$ 
5. Solve and graph. Check one of your solutions on the graph. $-2x - 6 > -14$ 	10. Divide. $\frac{10}{21} \div -\frac{5}{14} =$

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Monday	Tuesday
11. Solve the equation: $39 = 3m - 12$	16. A large office desk has an area of 42 ft^2. If the width is 3.5 feet, write an equation to represent the area. Solve the equation to find the length of the desk. Recall A = l * w
12. Simplifying the following expression: 6x + 2(3x – 9y + 5) + (- 9)	17. a. Write a simplified expression for the area of a rectangle with a length of (2x + 3) and a width of 5. b. Find the area of the rectangle above if x = 3
13. . Will is 2 years less than triple his sister's age (x). If Will is 13 years old, how old is his sister? Write an equation, solve, then answer the question.	18. You can purchase 3 Hershey Bars for $4.50. What is the Unit Rate ($ per bar)? Your friend says he'll give you $1.00 for a portion of a bar. What amount of the bar should he receive? (bar per $).
14. Multiply. $2\frac{1}{4}\left(-3\frac{1}{3}\right)$	19. Solve: Write your answer as a mixed number. $6x + 11 - 16x = -21$
15. Solve and graph. $4 + 2h \leq -3$ 	20. Solve and graph. $18 < 4m - 15$ 

**** Not all problems are the same *****

Monday	Tuesday	Wednesday	Thursday
> , <, or = $-\frac{36}{8}$ = ___ -4.5	Multiply the following: 0.333×21 7	Write the fraction $\frac{39}{9}$ as a repeating decimal 4.3	Which number(s) below represents a repeating decimal? $3.357, -\frac{3}{6}, \frac{7}{10}, -\frac{1}{3}$
Solve the equation: $39 = 3m - 12$ m = 17	A large office desk has an area of 42 ft^2. If the width is 3.5 feet, write an equation to represent the area. L · 3.5 = 42	Solve the equation: $\frac{x}{2} - 18 = (-28)$ –20	Solve the equation: $15 = 7 - x$ –8
Find the GCF of 18a, 20ab, and 6ab. 2a	Circle the common factors of 18xy and 32xyz. 6, 6y, 6xy, 2z, 2x, z, 9, x	Circle the GCF of 20x^{3}y and 16xy^2. 20x^{3}y: $2 \cdot 2 \cdot 5 \cdot x \cdot x \cdot x \cdot y$ 16xy^2: $2 \cdot 2 \cdot 2 \cdot 2 \cdot x \cdot y \cdot y$	Expand the following: $\frac{4}{5}(20x - 10)$ 16x – 8
Simplifying the following expression: $6x + 2(3x - 9y + 5) + (-9)$ 12x – 18y + 1	Which property is demonstrated by the following statement? 15 + w +(– 12) = 15 – 12 + w Commutative	Simplify: (13x + 10y) – (6x – 7y) + 5x 12x + 17y	Square A has a side length (2x – 7) and Square B has side length (-4x + 18). How much bigger is the perimeter of Square B than Square A? –24x + 100
Solve: $6x + 9 - 16x = -21$ x = 3	$\frac{k}{4} + 2 - k = 10$ $-\frac{32}{3}$	Solve: $-15 - 2g + 6g = 1 + 6g$ g = –8	Solve: $-3(1 - 6k) = 6k + 21$ k = 2
Janet is buying a $28 necklace. The store reduces the price by 20% and then applies a $2 off coupon. How much will Janet pay for the necklace? $20.40	Josh currently bench presses 150 lbs. He increases that amount by 10% a month for 3 months. About how much can he bench press now? 200	A business has a 200 ft wall and places 6 ft letters on the center of an exterior wall to spell SALE. If there is 1ft between each letter, where do they start the letter S? 86.5 ft from the side	What would the total bill be of a lunch that costs $7.99 with a tax rate of 7%? $8.55
Solve: $5 + q \leq 3$ $q \leq -2$	Solve: $13 < m - 25$ $m > 38$	Solve: $\frac{z}{7} + 19 \geq 3.5$ $z \geq -108.5$	Solve: $5 - 3x > -19$ $x < 8$

Solve: $4 + 2h \leq -3$ $h \leq -\frac{7}{2}$	Solve: $18 < 4m - 15$ $m > \frac{33}{4}$	Solve: $6 - 2x > -14$ $x < 10$	Solve: $12 \geq 3(z + 8)$ $z \leq -4$