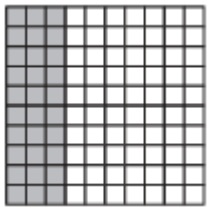
Name:_____ **6th Grade Math Homework** **January 22-26** **Week 20**

Please use your math notebook and/or our math website for help/videos to help with concepts on this homework.

6th grade math website: nms6grademath.weebly.com **SHOW ALL WORK IN THE WORK COLUMN.**

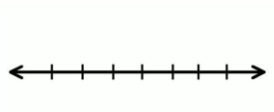
Monday	Mon. Work	Tuesday	Tues. Work
Simplify the expression using the distributive property. $9(4y - 7)$		Simplify the expression using the distributive property. $42 + 7a$	
What percent is shaded? 		Evaluate the expression. $2^3 [\frac{1}{4} + 4(36 \div 12)]$	
What is 38% of 250?		The ratio of pencils to erasers is 4:1. If there are 20 pencils, how many erasers are there?	
What is the value of $7.5(3x + 4)$, when $x = 7$?		Write an equivalent expression for $8 + 7y + 2x + 4y + 4$	
Evaluate the expression to find the missing value in the table. X | X – 4 ● 3 15 | 3 21 | ?		Evaluate the expression to find the missing value in the table. X | X + 8 ÷ 2 5 | 9 7 | ?	
Solve. $\frac{3}{5}p = \frac{3}{10}$		Solve. $10g = \frac{2}{3}$	
Give three numbers that would make the inequality true. $4n < 16$		Graph the inequality $y \geq \frac{9}{10}$ on the number line.	

Complete the table.

Exponent Form	Expanded Form	Standard Form
2^3		
4^2		
3^3		

Complete the table.

Integer	Opposite	Absolute Value
3		
-4		
8		

Wednesday	Wed. Work	Thursday	Thurs. Work
How many decameters are there in 4.5 kilometers?		Find the quotient. $\frac{5}{8} \div \frac{3}{4} =$	
Which shows 24 + 54 written using the GCF and the distributive property? (Circle one)	a. 12(2 + 4) b. 6(4 + 9) c. 2(12 + 27) d. 3(8 + 51)	Solve the inequality. $\frac{n}{2} \geq 14$	
Jada has a beaded necklace business. She can make 12 necklaces in 2 hours. How long will it take her to make 9 necklaces?		A bag of 8 apples costs $2.88. What is the cost of one apple?	
A small bus can hold a maximum of 20 students. Write an inequality to represent this statement.		There are 160 boys and girls playing in the soccer tournament. 32 of the students are wearing orange. What percent of the players are wearing orange?	
Naomi has 45 minutes to get ready for school. She spends x minutes getting dressed. Write an expression that represents the number of minutes she still has to get ready.		What is the value of $3x^2 + 5x + 25$, when x = 3	
Find the perimeter of the square in simplest form.  4x + 2 cm.		Are the expression when x = 20? 8(12x + 4)	
There is a rectangle that has a perimeter length that is (3x + 1) cm longer that the square in question 6. What is the perimeter of the rectangle in simplest form?		Solve for y y - 13 = 8	
Graph the inequality n > 5 on the number line.		Graph the inequality 8 ≥ n on the number line.