

Name:

6th Grade Math Homework

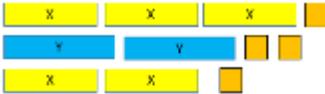
January 11-15

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

6th Grade Math website: sms6math.weebly.com

SHOW ALL WORK IN THE WORK COLUMN!

Monday	Monday's Work	Tuesday	Tuesday's Work						
There is 12/15 of a pizza left. How many 3/10 pieces can be made from the leftover pizza?		Find the quotient. $\frac{2}{15} \div \frac{4}{5} =$							
Find the difference. 70.1 – 70.09		Find the product. 54.88 x 7.3							
Find the missing number of each unit rate. $\frac{3}{48} = \frac{1}{?}$ $\frac{8}{56} = \frac{1}{?}$		What is the GCF of 81 and 36? What is the LCM of 4 and 9?							
What percent is 88 of 106? Round your answer to the hundredths place.		A soccer game is 90 minutes long. 36 minutes have passed. What percentage of the game has passed?							
Write 68 as a product of its prime factors.		A picnic bench is 2 meters long. How many centimeters is the bench?							
Write an expression that represents n plus 7 multiplied by 3.		Evaluate the expression. 6.73 – 2 x 5 ÷ 2							
What is the value of 4x ² + 5x when x = 1?		Simplify the expression first. 9x + 2y + 6 + 9y + 7 What is the coefficient of y? What is the constant?							
<table border="1" style="width: 100%;"> <thead> <tr> <th>Item</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td>Sandwich</td> <td>\$4.75</td> </tr> <tr> <td>Cookie</td> <td>x</td> </tr> </tbody> </table> <p>6 friends order lunch. Write an expression that shows the total cost if each person orders one sandwich and one cookie.</p>	Item	Cost	Sandwich	\$4.75	Cookie	x		Use the distributive property to create an equivalent expression to 42 + 6x (factor)	
Item	Cost								
Sandwich	\$4.75								
Cookie	x								
What is the value of y? Circle the correct answer. y + 3.5 = 18 y = 14.5 y = 15.5		What is the value of x? Circle the correct answer. 23x = 115 x = 7 x = 5							

Wednesday	Wednesday's Work	Thursday	Thursday's Work
Zoe has a collection of 78 movies. Each one cost \$29.99. How much did Zoe spend on all her movies?		Find the quotient. $90,002 \div 32$	
Find the sum. $80,057.8 + 181.15$		Find the quotient. $6.345 \div 0.09$	
Four pounds of strawberries cost \$16.36. What is the unit rate for the strawberries?		Every 3 days, William has to take medication for his back. Every 7 days, he has to take medication for his asthma. What is the next day William will take both medications?	
What is 41% of 25?		Emma is building a wall around her garden. It has taken 45 minutes, and she is 75% done. What is the total time it will take Emma to finish building her wall?	
The ratio of dogs to cats is 7:11. If there are 77 cats, how many dogs are there?		How many inches are in 43 yards? (1 yard = 36 inches)	
Jonathan goes to the store and purchases 3 pencils for \$0.28 each, and x number of erasers for \$0.38 each. Write an expression that shows how much Jonathan spent.		Evaluate the expression. $5^2 + 10.2 \times 4 - 2$	
What is the value of $6x^3 + 8x$ when $x = 5$?		What expression is represented in the model below? 	
Write an equivalent expression for $8(3 + 5x) + 7x + 4$ If $x = 3$, is the solution to both expressions the same?		Are the two expressions equivalent when $x = 4$? $4(2+3x)$ $8 + 12x$	
Jonathan has more than \$20 in his piggy bank. Which of the amounts below could Jonathan have in his piggy bank? (Circle) \$7.00 \$32.00 \$20.00 \$21.00 \$12.00 \$100.00		You must be at least 48 inches tall to ride the roller coaster. Which is the amounts below could be the height of someone on the roller coaster? 26 in 48 in 61 in 49 in 51 in 45 in	