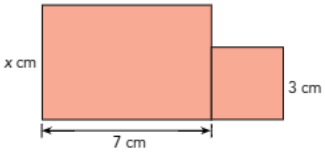
**Name:**_____ ★ **6th Grade Math Homework** **Nov. 27th - Dec.1st** **Week 15**

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

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

| Monday | Mon.'s Work | Tuesday | Tues.'s Work |
|---|---|---|---|
| How many 2 ¾ feet long strips of ribbon can be cut from a ribbon that is 7 ½ feet long? | | Find the quotient. $\frac{1}{5} \div \frac{3}{10}$ | |
| Find the difference. 70.1 – 70.09 | | Find the product. 54.88 x 7.3 | |
| Find the least common multiple of 5 and 9 | | What is the **GCF** of 81 and 36? | |
| A diver is 15 feet below sea level. A captain on a ship is 12 feet above sea level. What is the distance between the two? | | A soccer game is 90 minutes long. 36 minutes have passed. What percentage of the game has passed? | |
| Tom swims a ½ mile every ¼ hour. How far will he swim in one hour? | | You spent $18 on your meal. How much will you spend in total if you plan to leave a 15% tip? | |
| How much would you pay for a pint of milk if you bought 5 gallons of milk for $28? | | Evaluate the expression. $6.73 – 2 \times 5^0 \div 2$ | |
| Do these ratios form a proportion? $\frac{18}{54} = \frac{10}{30}$ | | Luis has a cooler filled with cans of soda. For every 5 cans of coke there are 3 cans of sprite. If there are 25 cans of coke, how many cans of sprite are there? | |
| 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 | | Use the distributive property to create an equivalent expression to 42 + 6x | |

| Wednesday | Wed.'s Work | Thursday | Thurs.'s Work |
|---|---|---|---|
| Zayleigh took a trip that was 7 ⅝ miles. She used 2 ½ gallons of gas. How | | Find the quotient. $\frac{1}{8} \div \frac{2}{3}$ | |
| Write and algebraic expression for 8 less than *x*. | | Find the quotient. $6.345 \div 0.09$ | |
| A runner runs 8 miles in 92 minutes. What is the runner's unit rate? | | Evaluate 3z + 6 when z = 4. | |
| 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? | |
| What is the absolute value of -4.7? | | If n = 9, what is 2n - 4? | |
| The figure shown is formed by a rectangle and a square. Express the area of the figure in terms of x.   | | Evaluate the expression. $5^2 + 10.2 \times 4 - 2$ | |
| A group of 150 dancers are auditioning for a dance show. 62% of the dancers trying out did not get on the show. How many dancers didn't get on the show? | | What percent of 108 is 81? | |
| Colton got 23 out of 25 questions right on his quiz. What was his percentage? | | Nancy purchased some bed sheets for $36. They were on sale 25% off. What was the original price of the bed sheets? | |