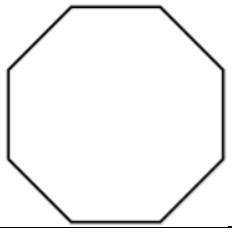
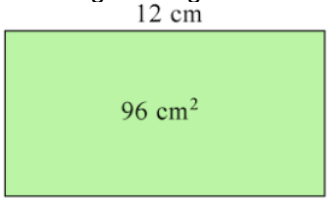
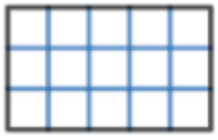
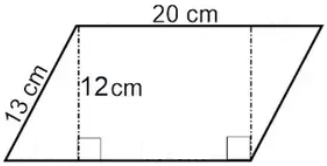
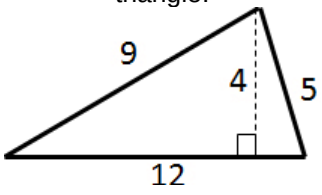
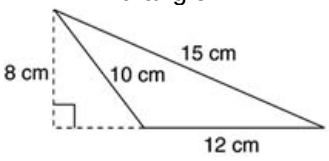
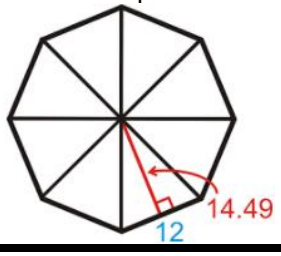
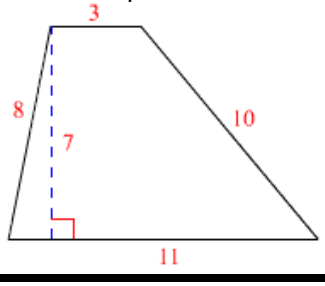
Name:_____ ★ **6th Grade Math Homework** Feb. 5 - 9 **Week 22**

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
Write the ratio in simplest form. 12:3		The ratio of sugar to flour is 2:3. If there are 6 cups of sugar, how many cups of flour are there?	
Robert is purchasing some chicken from the supermarket. The first pack of chicken weighs 45 ounces. The second pack weighs 3 pounds. Which pack weighs more?		Evaluate the expression. $28 \div 7 + (\frac{4}{6} + 3)$	
Use the distributive property to create an equivalent expression to 42 + 6x		Ms. Best is making cookies. The recipe calls for ⅔ cups of chocolate chips. If she wants to make half of the recipe, how many cups of chocolate chips will she need?	
Find the LCM of 12 and 60.		What is 28% of 95?	
What is the value of 12(3x + 5x), when x = 7?		What is the value of x? 23x = 115	
Solve. 12 = 7 + n		A square has an area of 196 in². What is the squares perimeter?	
How many identical triangles can you divide the following shape into? 		What is the width of the following rectangle? 	
Find the area and perimeter of the following shape: 		Find the area of the parallelogram: 	

Wednesday	Wed. Work	Thursday	Thurs. Work
A Diver jumps from a 12-foot diving board and dives down 10 feet into the water. What was the distance he traveled?		Today's low is -4˚F and the high is 14˚F. What is the difference in the temperatures?	
How many inches are there in 8.5 feet?		A bookstore is having a 30% off sale. Diary of a Wimpy Kid books are now $6.30 each. What was the original price of the books?	
You can get 4 value meals for $21.88 at the local burger restaurant. How much is each value meal?		The bake sale earned $83.48 during the 4 hours it was open. What is the unit rate?	
What is the value of y? y + 3.5 = 18		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.	
Kenny is allowed to watch up to 5 hours of TV a week. Write an inequality that shows the number of hours Kenny can watch TV?		Draw a number line to represent the inequality. y < 13	
Find the area of a square with the side length of 2.8 m.		A parallelogram has an area of 144 cm². The height is 9 cm. What is the length of the base?	
What is the area of this triangle: 		Find the area of this triangle: 	
Use the area of the triangle to find the area of the entire shape. 		What is the area of this trapezoid?