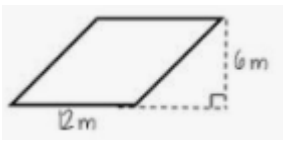
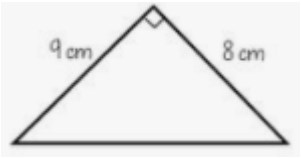
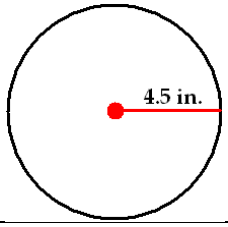
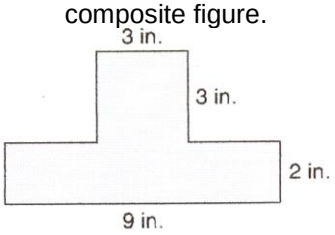
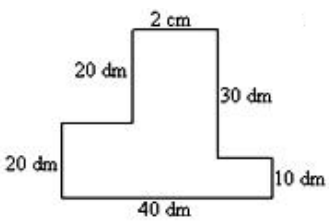
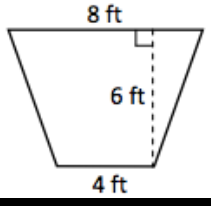
Name:_____ **6th Grade Math Homework** **Feb. 12 – 16** **Week 23**

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
Find the quotient. $4 \div \frac{9}{10} =$		Find the product. 19.48 x 0.189	
Find the difference. 748.20 – 18.044		Maci needs a string that is 4 feet long. So far, her string is 44 inches. Is it long enough or does she need to make it longer?	
Write the ratio in simplest form. 20:10		The ratio of boys to girls in Mr. Hilton's class is 3 to 4. If there are 12 boys, how many girls are there?	
What is the value of $3^3 + 7(2x - 6)$, when x = 4?		What percent is 45 of 72?	
Dalton earns at least $50 a day at his job. Write an inequality showing how much Lenny could earn on any day at his job.		Evaluate the expression. 7(3.5 + 2) + 8(9.3 – 7)	
Solve. 13x = 39		Solve for x. $\frac{1}{3}x = 6$	
What is the area of a triangle with a base of 20 cm and a height of 10 cm?		What is the area of a parallelogram with a base of 7 m and a height of 8 m?	
Find the area of the following polygon 		Find the area of the following polygon 	

Wednesday	Wed. Work	Thursday	Thurs. work
Find the quotient. $\frac{8}{9} \div \frac{3}{7} =$		Find the difference. $3\frac{1}{2} - 2\frac{1}{5} =$	
Jessie ran 4 miles in 1 hour. How long did it take Jessie to run one mile?		An artist can create 4 pieces of pottery in 2 hours. What is the artist's unit rate?	
How many yards are there in 2.5 miles?		Jayla is very excited to be getting a great deal on an iPad. It was originally $500, but she will only be paying $325. What percent did she save?	
Joe has some money in his bank account. He deposits $45. Write an expression that represents the amount of money in Joe's account.		Find the missing number. 22 + 13 = 17 + ?	
List 3 values that would make this inequality true. n - 3 ≤ 10 _____, _____, _____		Draw a number line to represent the inequality. y < 64	
Solve. ½ x = 20		Solve. 412 = x - 63	
Using the formula $a = \pi r^2$ find the area of this circle. 		Find the area of this composite figure. 	
Find the area of this composite figure. 		Find the area of this polygon using the formula A = ½ h (b1 + b2)