Math 7+ Spiral Review #6

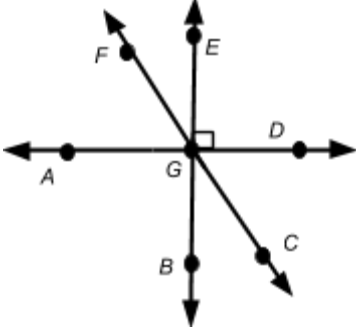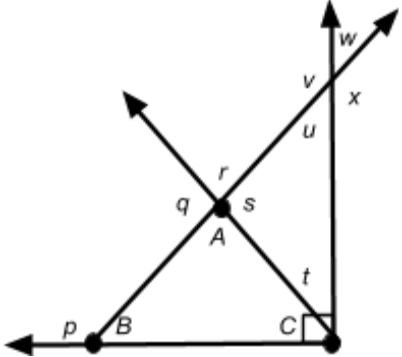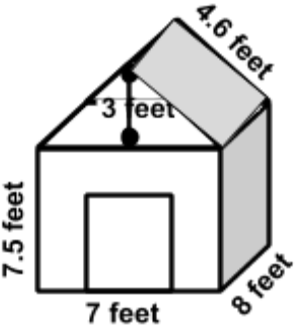Due _____November 18th

Name _____

TI: Underline/Highlight Terms and Information
P: Problem is worked out
S: Solution is in a complete sentence

		Make sure to follow the **TIPS** to solve the word problems:	Computation: Show all your work & circle your answer
D A Y 1		Jacob bought four begonias in 6 inch pots and a $19 fern at a fundraiser. He spends a total of $63. Solve the equation 4p + 19 = 63 to find the price p of each begonia.	Simplify: 2(c + 4) – 5c
D A Y 2		Determine the angle measures. Please note that $\angle AGC$ measures 120 degrees. $\angle AGB$ = _____ $\angle BGC$ = _____ $\angle CGD$ = _____ $\angle DGE$ = _____ $\angle EGF$ = _____ $\angle FGA$ = _____	Triangle *ABC* is an equilateral triangle. What is the measure of Angle *W*? Note that $\angle t \cong \angle u$.

D A Y 3		Multiple Choice:
		
		-3(2x + (-5)) = ___?___
		  a. 5x + 5
		  b. -6x - 15
		  c. 6x + 8
		  d. -6x + 15
			Solve:
			1.4x + 8.8 = 92.8

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D A Y 4	Part 1. Ms. Mitchell is repainting the shed that is out in her backyard. She is going to paint all outside surfaces, including the door and roof. She is not painting the very bottom of the shed, the part that is touching the grass. How many square feet does she have to paint? 4.6 feet 3 feet 7.5 feet 7 feet 8 feet A. 159.8 square feet B. 319.6 square feet C. 487.6 square feet D. 504 square feet	Part 2. Ms. Mitchell has decided to purchase red paint. Each gallon covers about 350 square feet. However, since she is painting the exterior, two coats of paint are needed. Thus, we will need to double the amount of paint. Each gallon also costs $34.99. Determine the number of gallons Ms. Mitchell will need to purchase and write how much Ms. Mitchell will spend on the paint on the below grid.
D A Y 5	Basil is wrapping a present for his mother. He is not wrapping the lid. He is just going to wrap the sides and bottom of the box. The dimensions of the box include 15 inches, 20 inches, and 8 inches. How much wrapping paper will Basil need?	What is the solution of $d + 3.95 + 0.25d = 7.70$?