

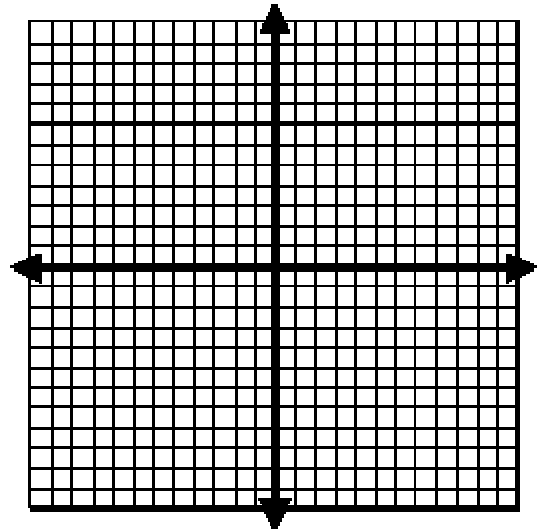
Name: \_\_\_\_\_

Period: \_\_\_\_\_

**Geometry Quarter 3 Week #6**  
**Distributed Practice**  
**Due Monday, March 8<sup>th</sup>**

One point will be awarded for the correct answer. Two points will be awarded for writing down the necessary work to solve the problem. You are not required to write an explanation for any of the problems, however, if you believe it is not possible to show any work, you may need to write a brief explanation depicting how you arrived at your answer. You must answer all questions.

1. Write an equation in point-slope form and an equation in slope intercept form for a line that passes through the points (3,5) and (4, -2). Then graph the line on the axis below.



2. The Lakers scored a total of 80 points in a basketball game against the Bulls. The Lakers made a total of 37 two-point and three-point baskets. How many two-point shots did the Lakers make? How many three-point shots did the Lakers make?

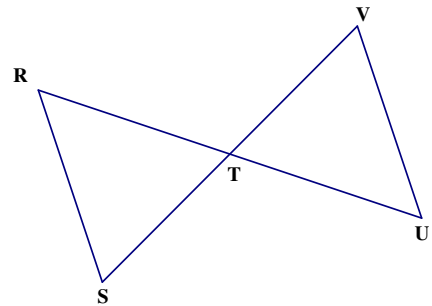
3. Determine the sum of the interior angles of a 32-sided polygon.

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4. The measure of a supplement of an angle is 12 more than twice the measure of the angle. Find the measures of the angle and its supplement. Be sure to label each answer.
5. Determine the sum of the numbers 1 through 1000. (Saying you plugged them into your calculator is not valid solution path.)

6. *Given* : T is the midpoint of  $\overline{SV}$  and  $\overline{RU}$   
*Prove* :  $\angle S \cong \angle V$



7. Find the value of  $x$  in the diagram below given that the two horizontal lines are parallel.

