

<p>1) Draw a representation that will include all of the following vocabulary:</p> <ul style="list-style-type: none"> • Coordinate grid • Y-axis • X-axis • Origin • Ordered number pair • Vertical axis • Horizontal axis • Quadrant (1st, 2nd 3rd and 4th) 	<p>2) Alan was very proud of his pi recitation on Pi Day and wanted to memorialize his achievement by painting all the numbers he recited in the fifth grade hallway. (Pretend that the teachers gave him permission.) He recited the numbers to 149 decimal places.</p> <p>Each number is 3 ¼ inches wide. How much all space does he need? Make sure you give your number is yards, feet and inches.</p>	<p>3) Draw a quadrangle on a four-quadrant coordinate grid. Write original in your shape.</p> <p>Now draw a shape that is a TRANSLATION of the original and draw one that is a REFLECTION of the original.</p> <p>List the coordinates for each of the shapes and explain the patterns that you notice between the original, translation and reflection.</p>
<p>4) Ms. Williams is redecorating Xavier's bedroom. She would like to paint a blackboard surface in his room (which is 10 feet by 13 feet). The border will be three feet high.</p> <p>The blackboard paint jar says it is enough to paint 125 square feet. How many jars of paint does she need?</p> <p>Make sure you show your work and explain your mathematical strategy.</p>	<p>5) Complete IXL for 20 minutes, doing an activity recommended for Unit 8 noted on the teacher blog or a higher, more challenging activity.</p> <p>Parent signature: _____</p> <p>The activity(ies) I did were:</p> <p>Grade ____ Activity _____</p> <p>Grade ____ Activity _____</p> <p>Grade ____ Activity _____</p>	<p>6) Draw two different rectangles with an area of 18 square units. Label one rectangle A and one B. And then find the perimeter for each shape.</p> <p>Then draw two different rectangles with the perimeter of 22 units. Label one rectangle C and one rectangle D. Find the area for each shape.</p>
<p>7) Study Links</p> <p>_____ Study Links 9.1</p> <p>_____ Study Links 9.2</p> <p>_____ Study Links 9.3</p>	<p>8) Explain the differences between area and perimeter in words and pictures/diagrams.</p> <p>Give three different situations when you would use area and three situations when you would use perimeter.</p>	<p>9) Each Student Led Conference is scheduled for exactly 30 minutes. You will need 20 seconds to get from one subject to another. (Math, WW, RW, Science, and SS)</p> <p>EXACTLY how much time will you have to discuss each subject with your parents? Please give your answer in a mixed number.</p>

Tic-Tac-Toe Menu Directions

Choose at least any three activities from our tic tac toe menu. When you have **completed three activities**, you may decide to be finished. Or you may decide to keep going and complete more activities.

I choose activities # _____, # _____, # _____,

Additionally, I choose activities # _____, # _____, # _____, # _____

Do you have an idea for alternate activities you'd like to do instead for practice? Talk them over with your teacher.

I prefer to do the following alternate activities: _____

Reflection on Homework Choices (tell what you liked, what was challenging, why you made the choices you made, what you learned, etc.) Were you able to do the work independently? Describe the kind of help your parents or tutors gave you.

Student Name: _____ Date: _____

PLEASE MAKE SURE THAT YOU HAVE ATTACHED ALL THE WORK YOU HAVE COMPLETED. IF IT IS A TECHNOLOGY ACTIVITY, MAKE SURE THAT YOUR PARENTS HAVE SIGNED THEIR NAME ON THAT BOX TO CONFIRM THAT YOU DID THE PRACTICE ACTIVITY FOR THE ALLOTTED TIME.

THANK YOU FOR ALL YOUR EFFORTS TO LEARN AND BECOME A BETTER MATHEMATICIAN.