Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

**Chapter 13 Composite Figures Project**

***CC.SS. 7.G.4*** *Know the formulas for the area and circumference of a circle and use them to solve problems*

***CC.SS.7.G.6*** *Solve real-world and mathematical problems involving area two-dimensional objects composed of triangles, quadrilaterals, and polygons*

**DUE: Thursday, 11/7/2019**

You will use graph paper to create ONE complex composite figure. The complex composite figure must have at least 4 different basic shapes, but you can have more.

Basic shapes include: square, rectangle, circle, semicircle, triangle, right triangle, trapezoid, and parallelogram. You can use worksheet 13.4A NOTES for the formula.

**NOTE: Each square on the graph paper will be 1 inch.**

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| --- | --- |
| **Requirement** | **Points**  |
| The composite figure is complex and is creative |  5 points |
| The composite figure has at LEAST 4 different basic shapes. *Example: 4 different rectangles put together is not consider 4 different shapes.*  | 5 points |
| The work for finding the area of the composite figure is clear and correct | 10 points |
| Colorful and all lines are straight. Include a title of the composite figure.  | 5 points |
| Extra credit: the composite figure has at least 6 basic shapes or more | 2 points |
| Extra credit: the composite figure is being created on the computer and print it out | 2 points |
| **TOTAL:**  | **\_\_\_\_\_\_/25 pts** |

***EXAMPLE****: The Blue Car*



<http://www.mathwire.com/templates/graphpaperhalfinch.pdf>

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PERIOD: \_\_\_\_\_\_\_\_

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