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

**Area and Perimeter of Composite Shapes Notes**

How to find the area and perimeter of composite shapes?

1. Use the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to find the measure of each side.
2. Add all the sides to calculate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Divide the composite figure into shapes that we know! (Triangles, rectangles, squares)
4. Calculate the \_\_\_\_\_\_\_\_\_\_ of all shapes.
5. To find total area, \_\_\_\_\_\_\_ all areas together.

1.

(4,-3)

(4,4)

(0,7)

(-5,4)

(-5,-3)

Total Perimeter:\_\_\_\_\_\_\_\_\_\_\_\_\_

Area of Triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_

Area of rectangle:\_\_\_\_\_\_\_\_\_\_\_

Total Area:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.

(6,-4)

(-9,-4)

(1,7)

(9,7)

 Total Perimeter:\_\_\_\_\_\_\_\_\_\_\_\_\_

 Area of triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_

 Area of rectangle:\_\_\_\_\_\_\_\_\_\_\_

 Total Area:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.

(5,6)

(8,1)

(-5,1)

(-8,-6)

(8,-6)

 Total Perimeter:\_\_\_\_\_\_\_\_\_\_\_\_\_

 Area of side triangle:\_\_\_\_\_\_\_\_\_

 Area of top triangle:\_\_\_\_\_\_\_\_\_\_

 Area of rectangle:\_\_\_\_\_\_\_\_\_

 Total Area:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.

(8,-3)

(2,2)

(2,9)

(-7,9)

(-7,-3)

 Total Perimeter:\_\_\_\_\_\_\_\_\_\_\_\_\_

 Area of rectangle:\_\_\_\_\_\_\_\_\_\_\_

 Area of triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_

 Total Area:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_