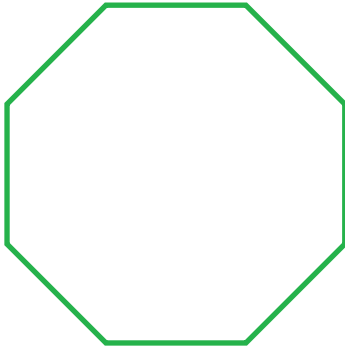


Octagon: Calculating Area

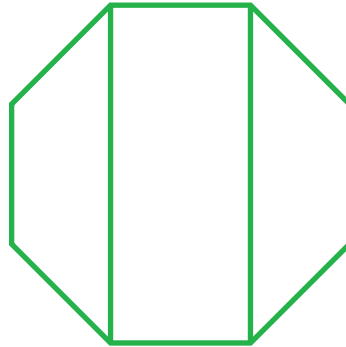


An octagon contains many shapes that you probably already know. Use a ruler to divide the octagon into regular shapes that you are familiar with. Then, name the shapes you created. This will help you practice finding the area of irregular shapes.

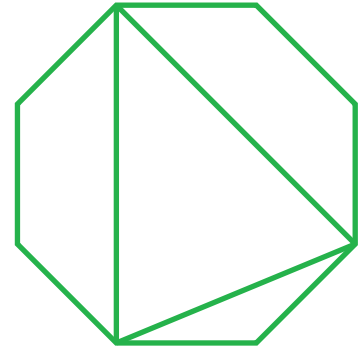
Example:



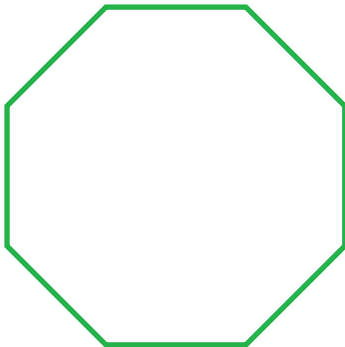
One octagon

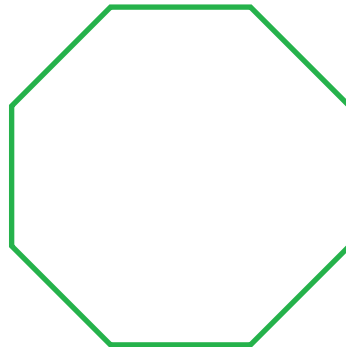


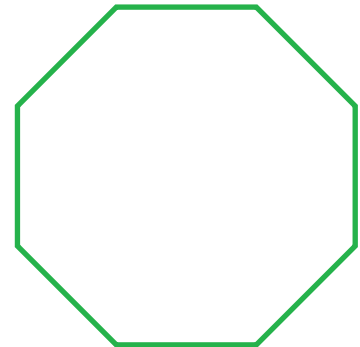
Two trapezoids
One rectangles



Two trapezoids
Two triangles







Challenge!

Calculate the area of this octagon using information of the heights and lengths of the geometric shapes.

