

1125-I1-1849 **Margaret Kepner*** (renpek1010@gmail.com). *The Art of Geometric Dissections*. Preliminary report.

A geometric dissection is a subdivision of a shape into pieces that can be reassembled to create a different shape. For example, a square can be cut up into seven pieces that will form a regular five-pointed star when they are rearranged. I will present examples of some two-dimensional geometric dissections, and will show how I have used the associated imagery in my artistic work. (Received September 19, 2016)