

## One-Cut Kirigami <br> Shippensburg Area Math Circle

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The instructions below show how to fold a 8.5 in . by 11 in . piece of paper to make a five-pointed star (like a star on the American flag) with one cut.


1. Try using one cut to make various polygons like a triangle, sqaure, and pentagon.
2. Try using one cut to make various letters of the alphabet like T, $\mathrm{t}, \mathrm{I}$, and i .
3. For a real challenge try one of the examples at http://erikdemaine.org/foldcut/.
