



One Cut

Introduction

Any letter of the alphabet can be cut from a piece of paper using one straight cut. There are ways to fold a piece of paper, such that a single straight cut can create any polygonal shape.

After completion of *One Cut*, students will have a good idea of how to cut out any polygonal shape using one cut. Students will learn the concepts of basic geometry, including lines of symmetry, bisecting angles, parallel and perpendicular lines, and congruency.

One Cut requires little prep time, creates minimal mess and can easily be accomplished and discussed in a single class period. As the only required materials are paper and scissors, it can be done with minimal cost.