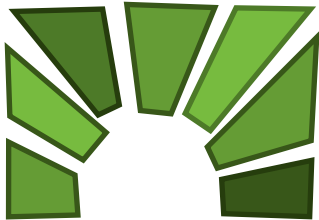


Perfect Polygons

This activity is inspired by Michael Hall's book, *A Perfect Square*.

Square

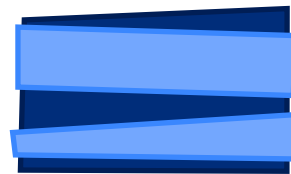
If a square with its four matching corners and four equal sides can be cut, torn, or shattered to become:



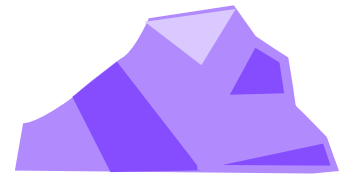
A Bridge...



A Fountain...



A River...



A Mountain...

What can you make from a triangle, trapezoid, or rectangle?

Goal:

Cut or tear a paper rectangle, trapezoid, or triangle and turn it into a recognizable object. Once you have transformed your shape, glue it onto a piece of paper.

You will need:

Paper
Glue
Scissors/hole punch/pinking shears
Pencil
Your imagination

Find out: What is a polygon? What do all polygons have in common?