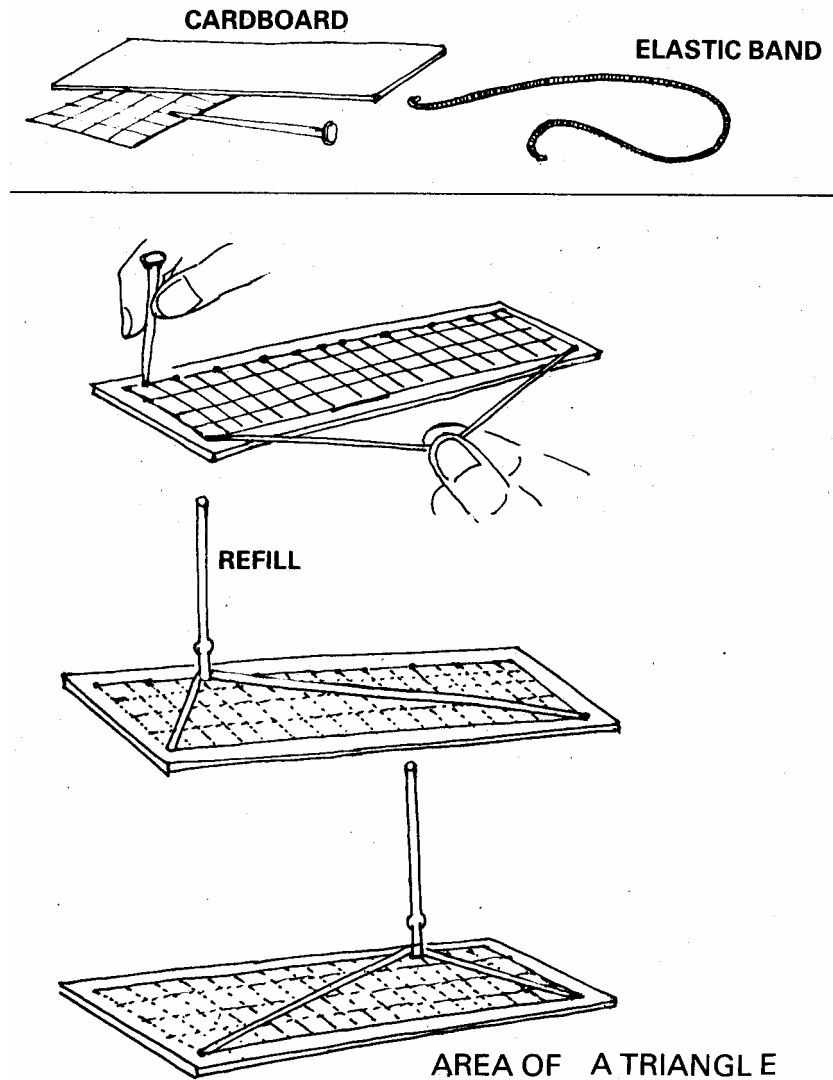# AREA OF A TRIANGLE

CARDBOARD

ELASTIC BAND

REFILL

AREA OF   A TRIANGLE

This little model tests that the area of a triangle depends on its height and base.
Stick a graph or any other square paper on a rectangular piece of cardboard. Make two holes near the base of the rectangle. Weave an elastic thread or a cut rubber band through these holes and tie knots to hold the elastic thread in place. The elastic thread will be the base of the triangle.
Determine the area of the triangle by counting the number of squares contained in it. By shifting the position of (he refill make triangles of different shapes. Each time count their area. Because the triangles are on the same base and have the same height, their area will remain the same.