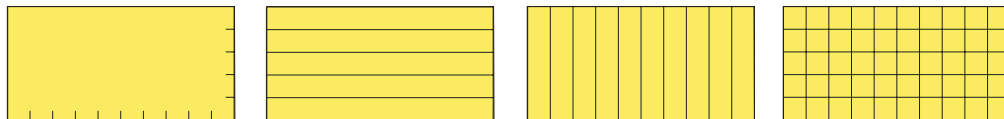


YELLOW TRIANGLES FOR AREA

Area of Rectangles - Set 1

The #1 Rectangle shows the “units of measurement” in figuring area for a rectangle. The child can be shown how to count the units of measurement on each side (10 long, 5 wide). The #2 Rectangle shows the “units of width” in the rectangle. The #3 Rectangle shows the “units of length” in the rectangle. The #4 Rectangle shows the calculation of the area of a rectangle, resulting in 50 “square units.”



Area of Parallelograms - Set 2

Show the child the complete Parallelogram. Then give the child the two pieces which together make the Parallelogram, and ask the child to make a Parallelogram. Next ask the child to make a rectangle with the pieces. With the rectangle, calculate the area of the Parallelogram by counting the square units.

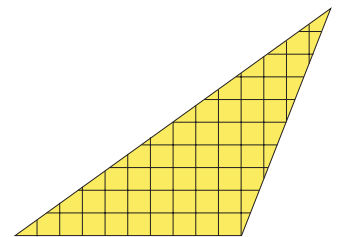
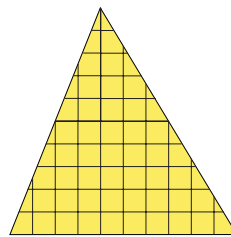
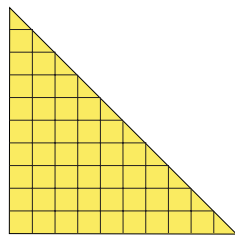
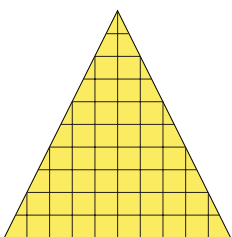
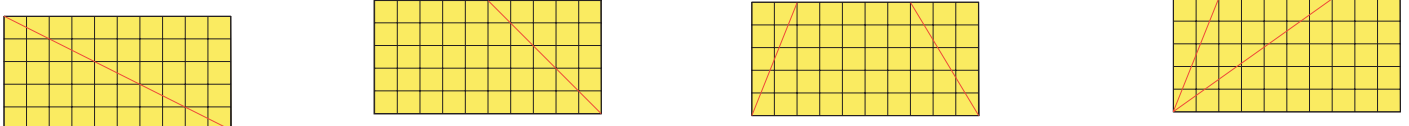


Area of Triangles - Set 3

Calculating area for Equilateral, Right, Acute and Obtuse Triangles

Repeat the exercises above - starting first with the complete triangle, next duplicating the shape of the triangle with the appropriate pieces, and then forming a rectangle out of the pieces to calculate the area of the triangle.

*On the Equilateral Triangle note that of the two pieces which form the rectangle for calculating area, one of the pieces must be *flipped* to form the equilateral triangle.*



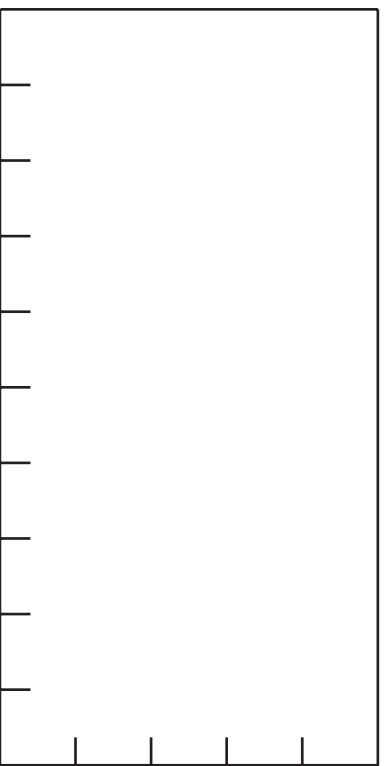
Equilateral Traingle

Right Triangle

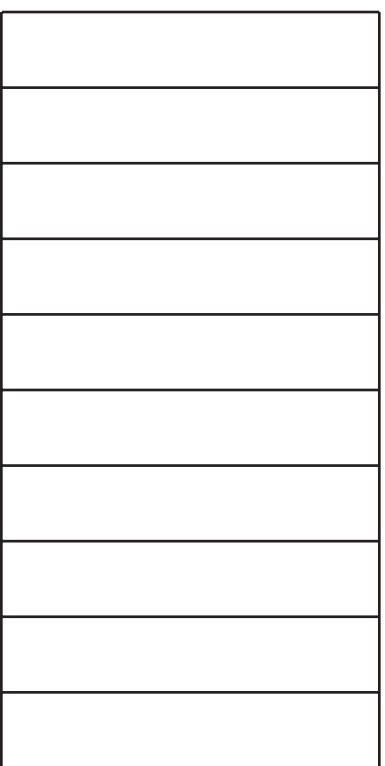
Acute Triangle

Obtuse Triangle

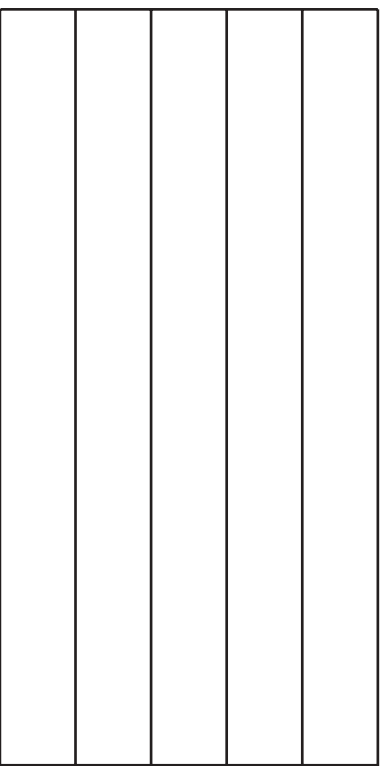
#1 Rectangle (measurement markings)



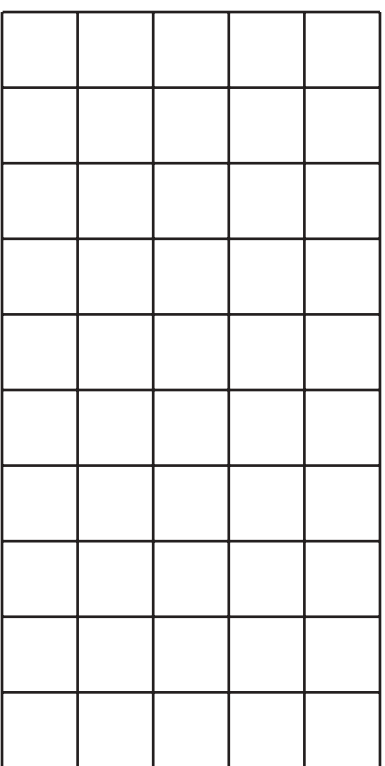
#3 Rectangle (length markings)



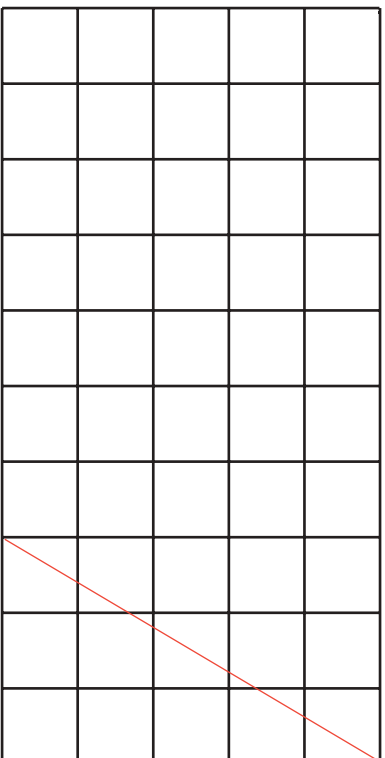
#2 Rectangle (width markings)



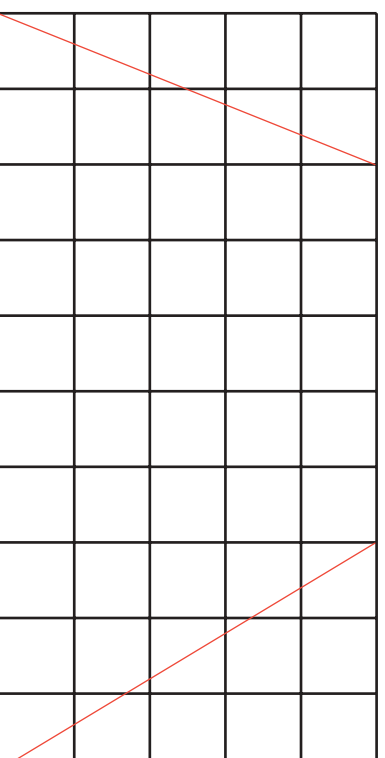
#4 Rectangle (area)



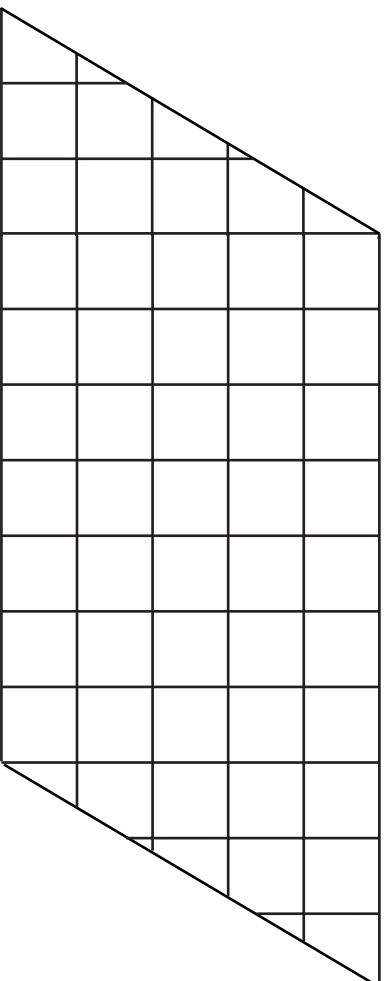
Parallelogram



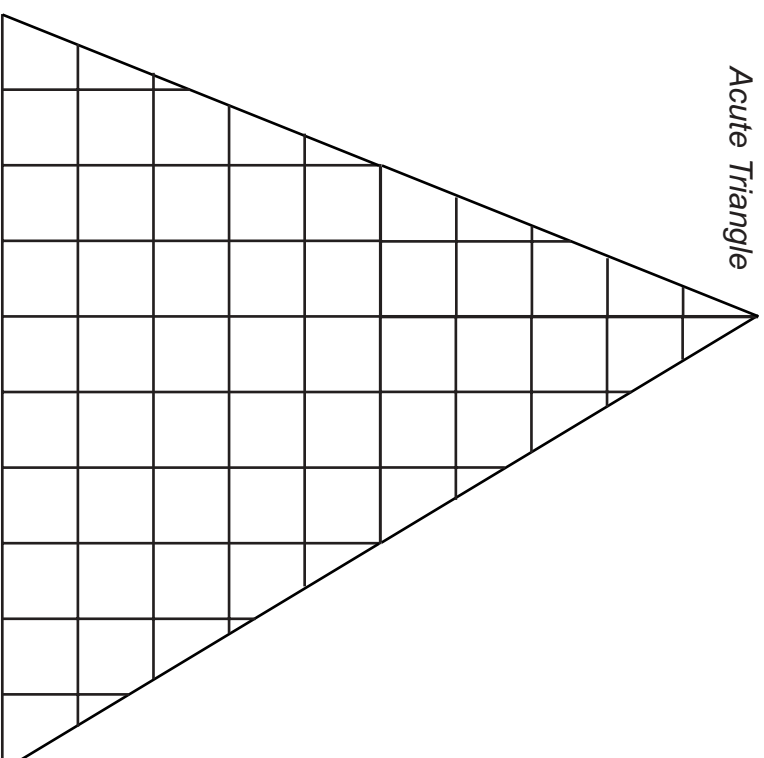
Acute Triangle



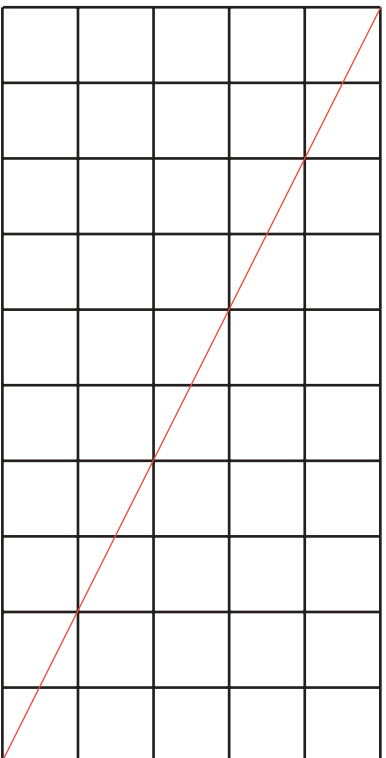
Parallelogram



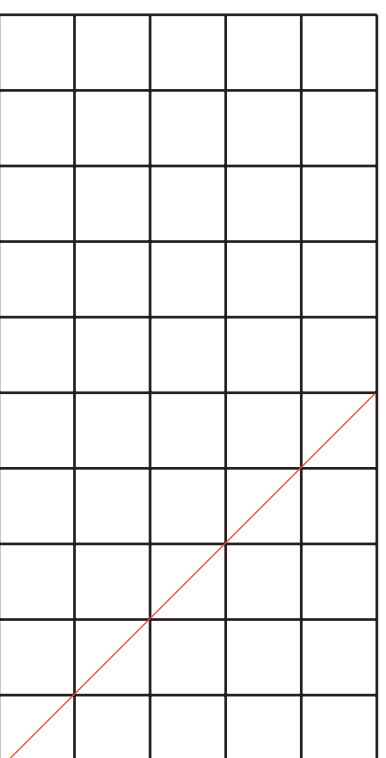
Acute Triangle



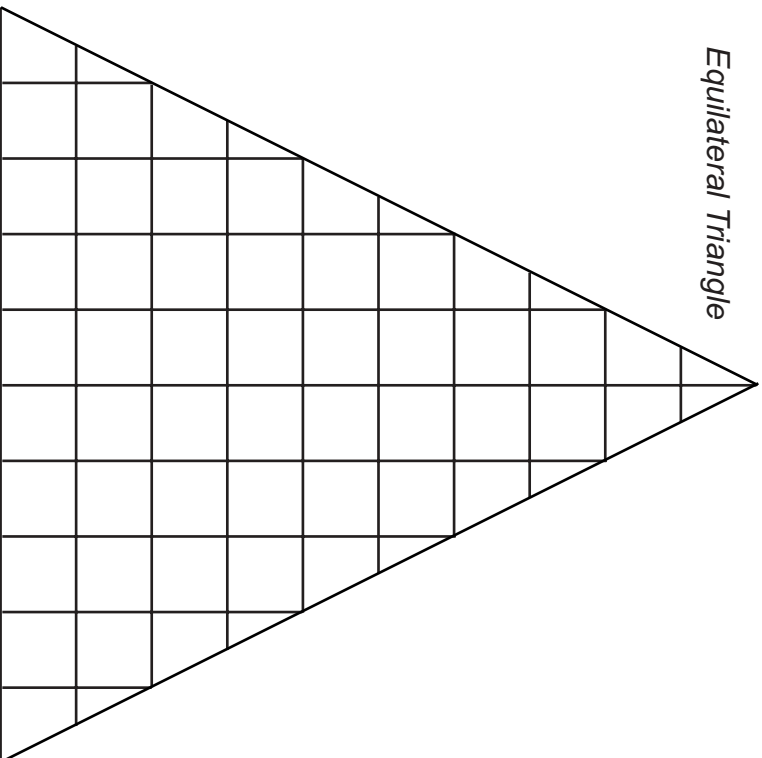
Equilateral Triangle



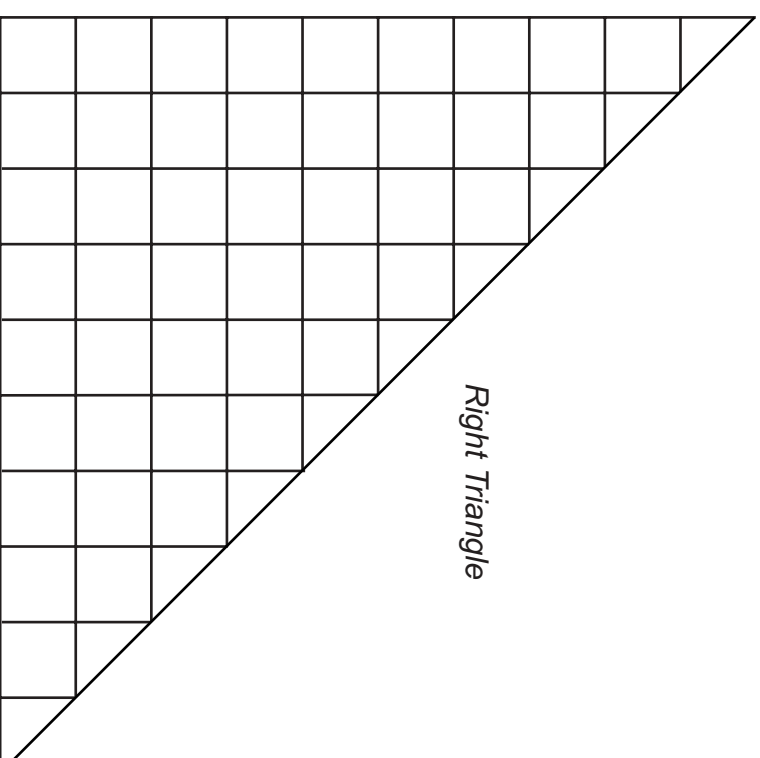
Right Triangle



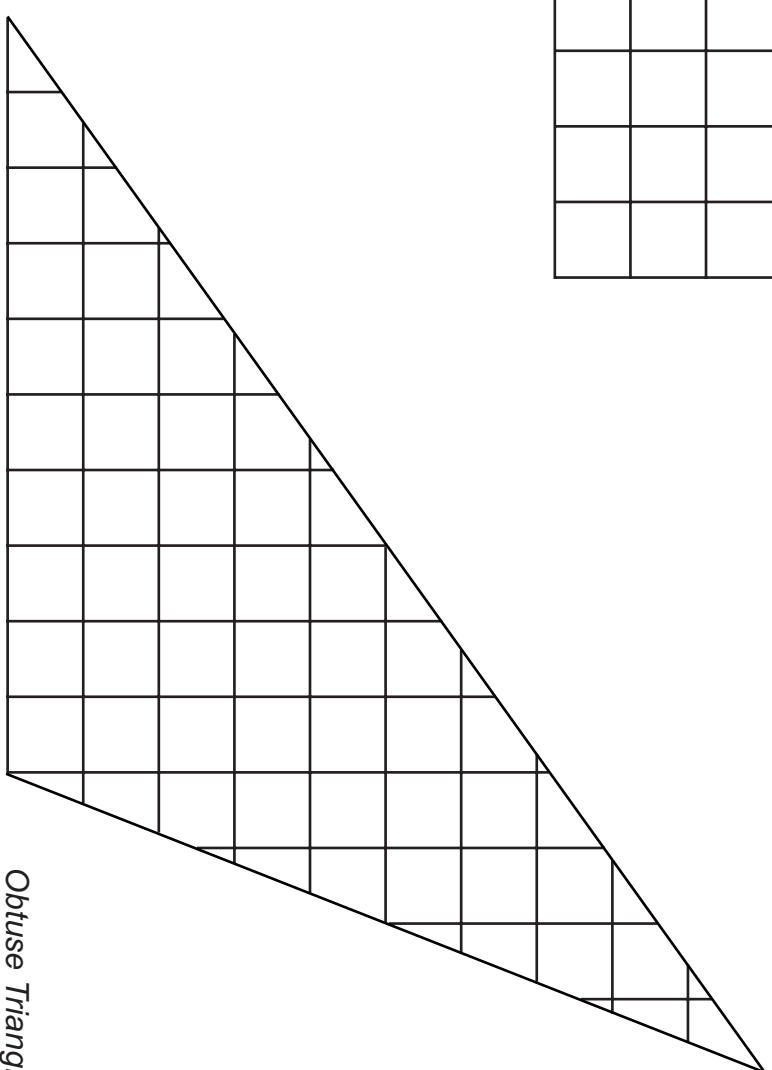
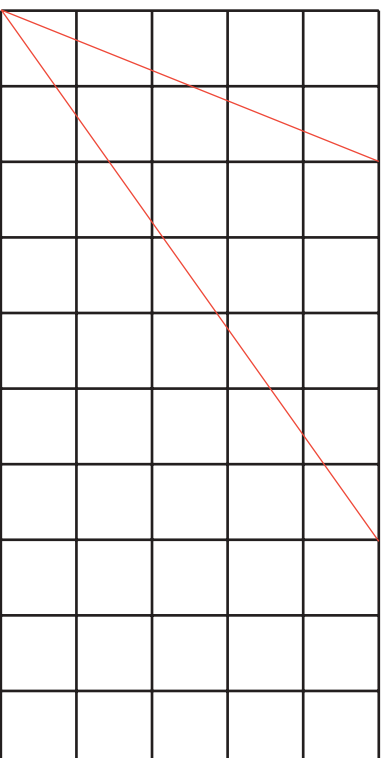
Equilateral Triangle



Right Triangle



Obtuse Triangle



Obtuse Triangle