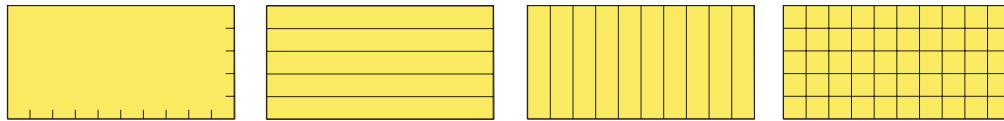


YELLOW TRIANGLES FOR AREA

(please note that pages 10 and 11 must be printed on legal size paper 11x14)

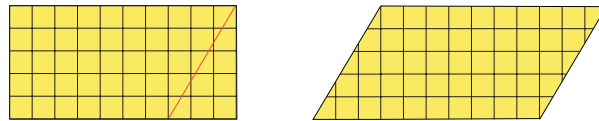
Area of Rectangles - Set 1

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.

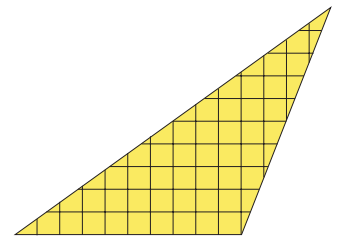
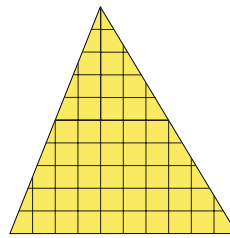
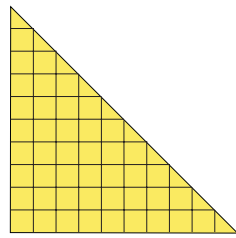
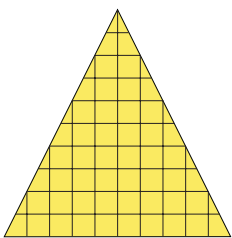
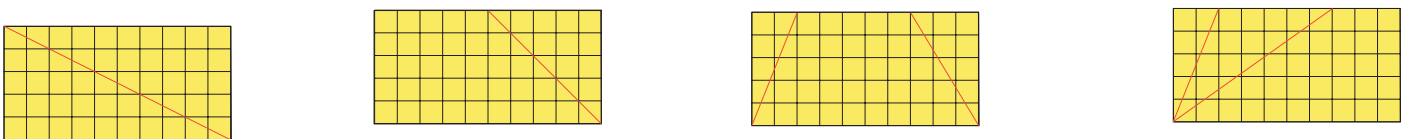


Area of Triangles - Set 3

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.



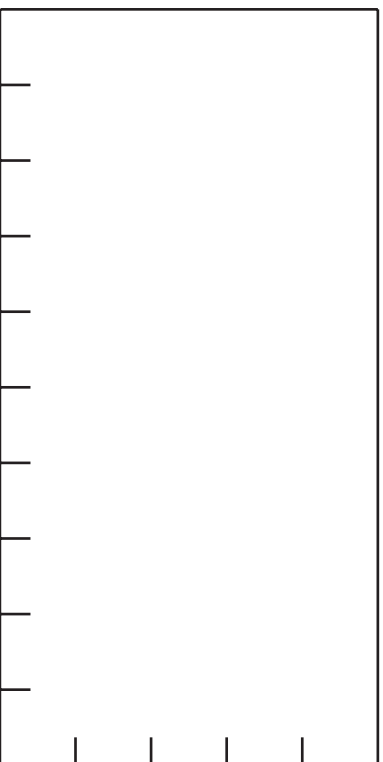
Equilateral Triangle

Right Triangle

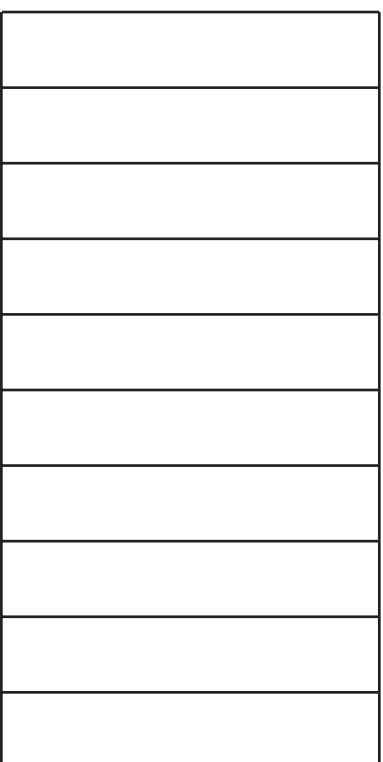
Acute Triangle

Obtuse Triangle

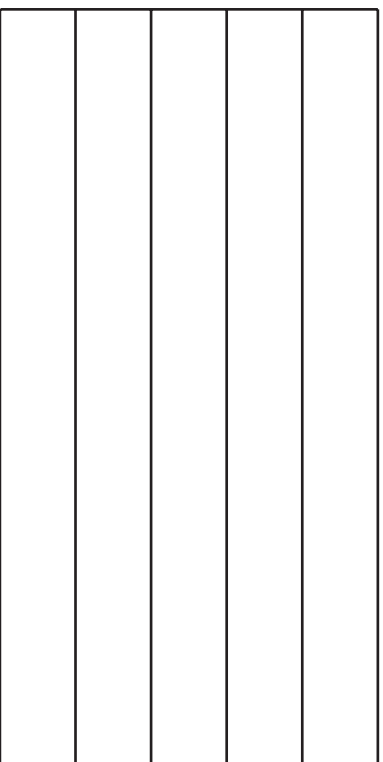
#1 Rectangle (measurement markings)



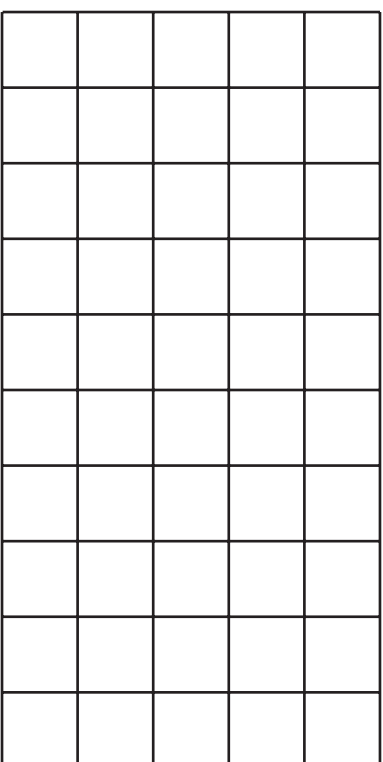
#3 Rectangle (length markings)



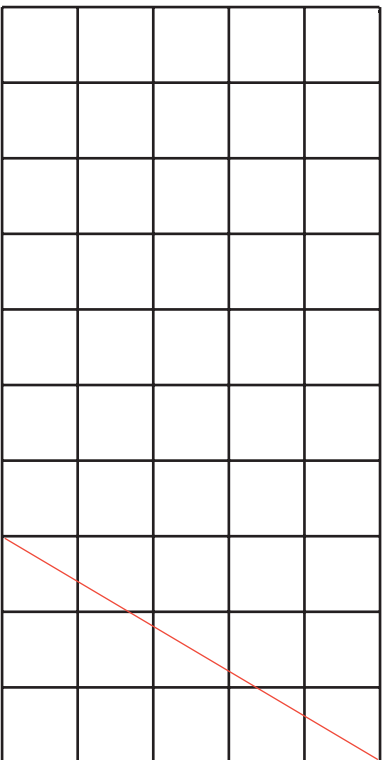
#2 Rectangle (width markings)



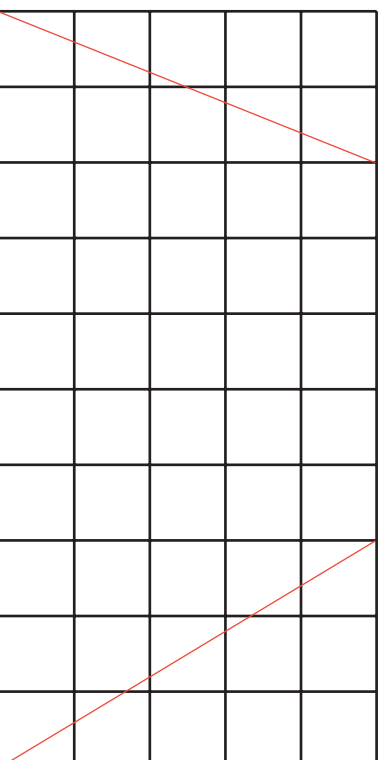
#4 Rectangle (area)



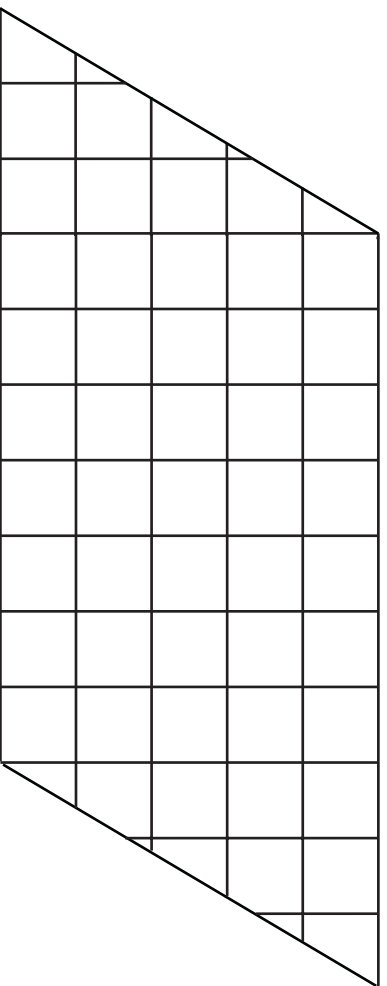
Parallelogram



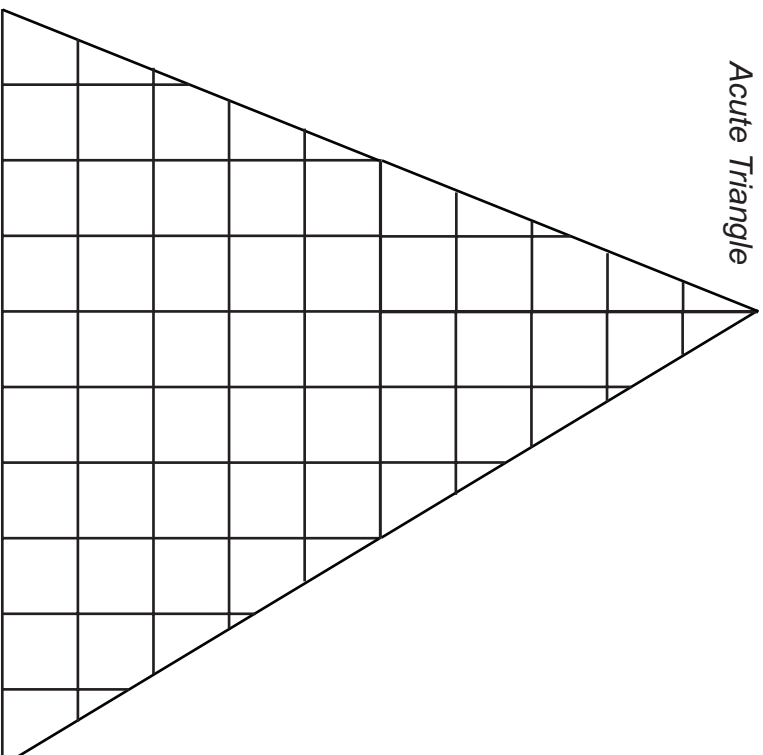
Acute Triangle



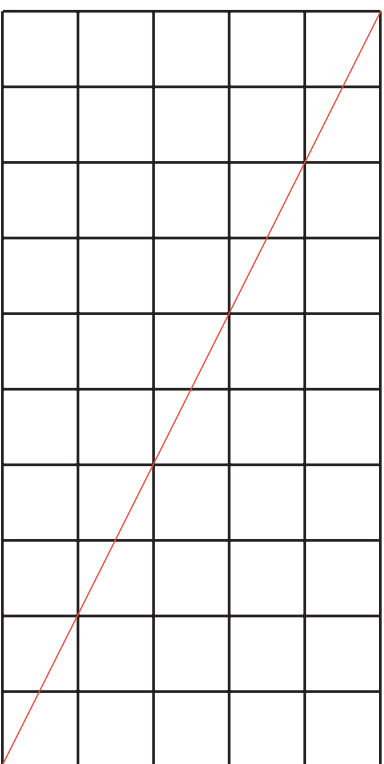
Parallelogram



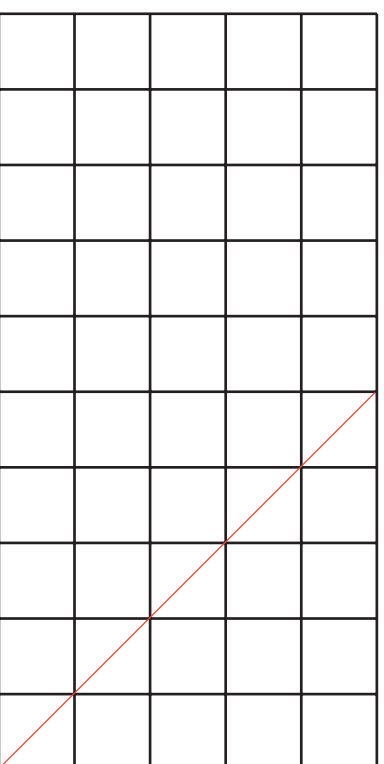
Acute Triangle



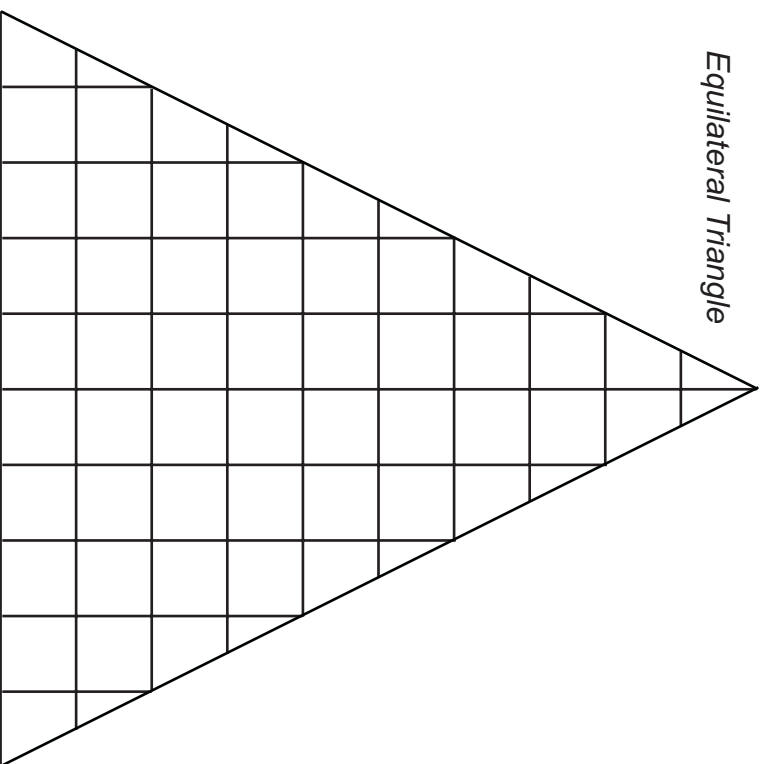
Equilateral Triangle



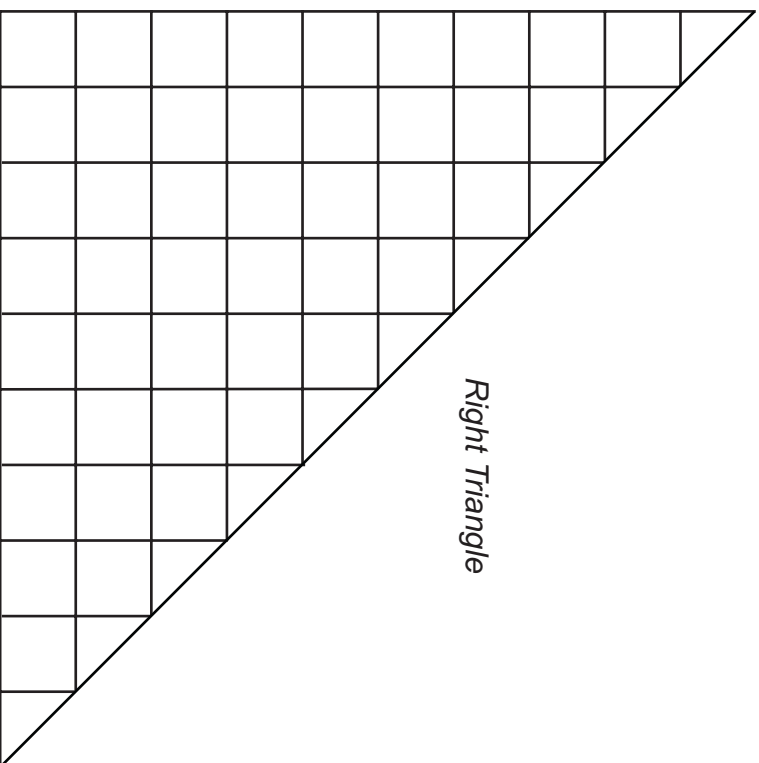
Right Triangle



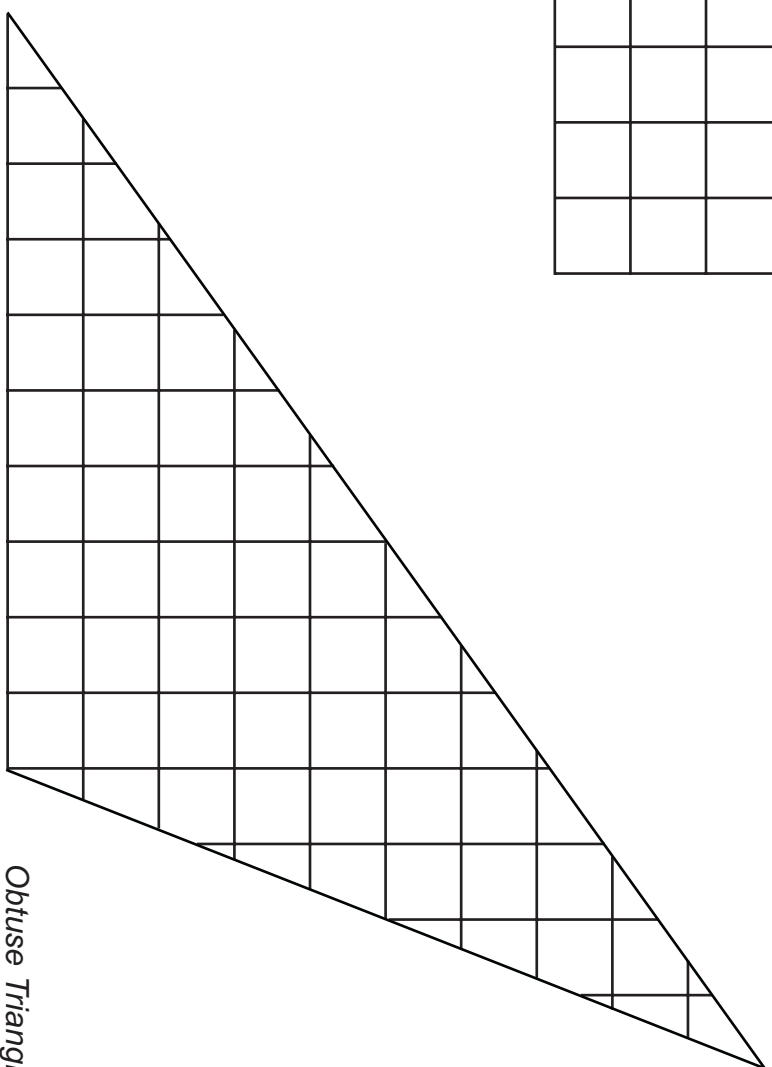
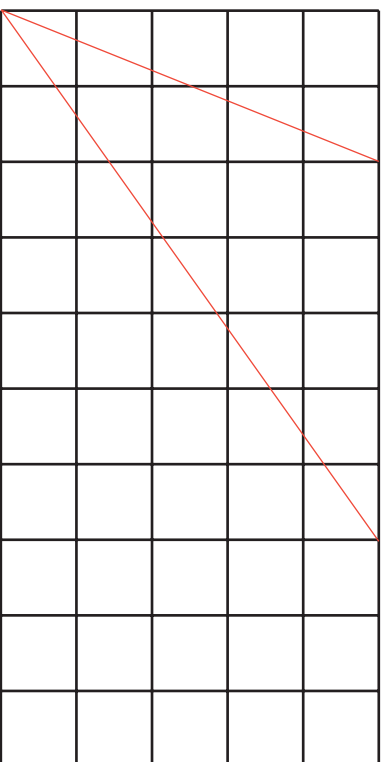
Equilateral Triangle



Right Triangle



Obtuse Triangle



Obtuse Triangle