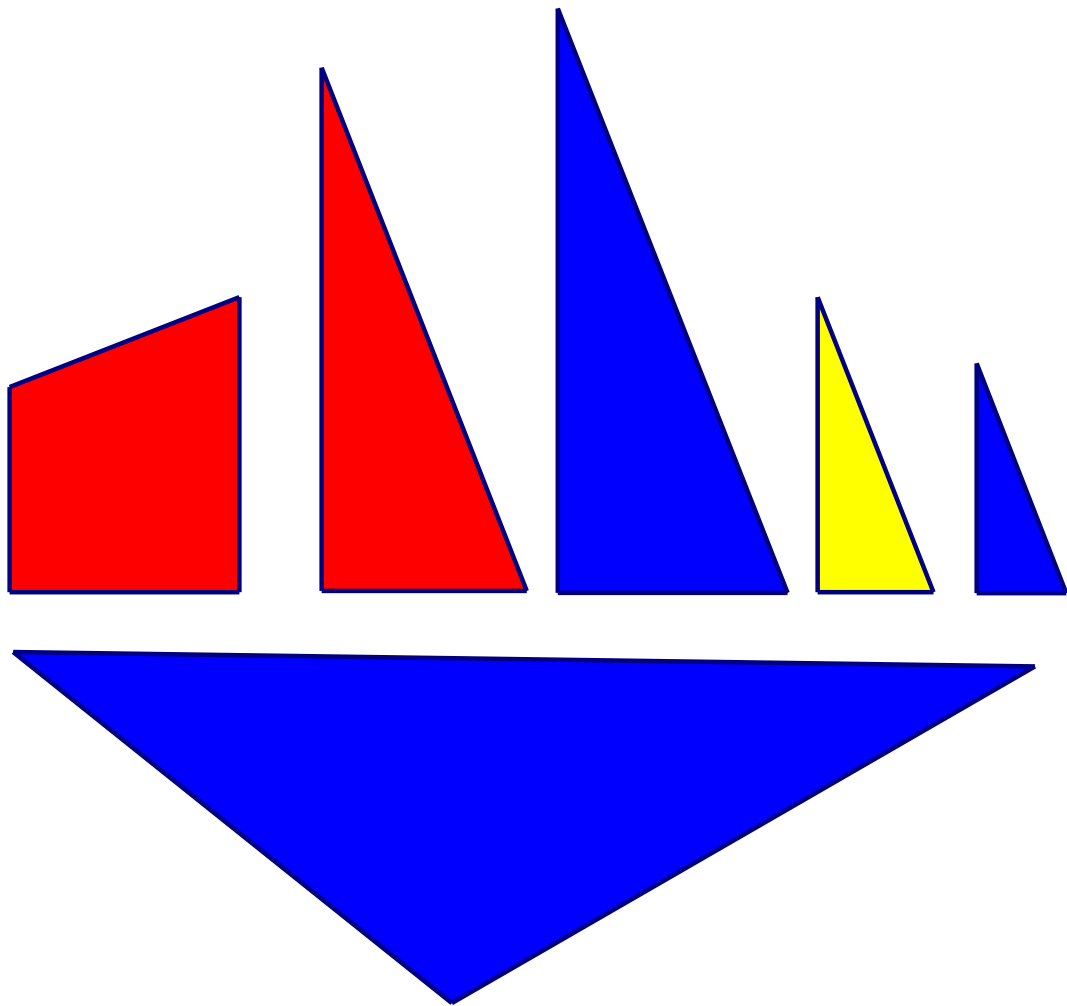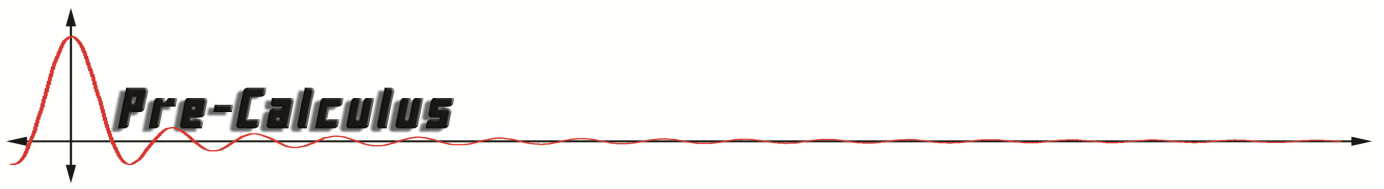# Angle-Sum Puzzle

Sometimes analytic trigonometry can be puzzling.
So, when you feel puzzled, cut it out and solve it.

Directions: *Cut out each of the puzzle pieces below and use them to make one large triangle.*

Solution: *When the pieces are put together in the correct way, the colors will form triangles that will be useful when analyzing the angle-sum function* $\sin(u + v)$.