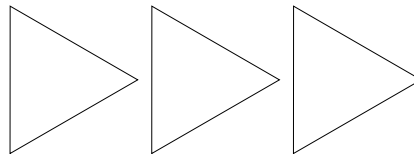


SMC Department of Mathematics
Problem of the Week

Deadline: Monday March 9nd

Three Triangles to Four: The figure below shows nine lines arranged into 3 equilateral triangles. Move 3 of the lines to form 4 equilateral triangles with no overlapping.



Solution: Here is the solution submitted by this weeks winner. two sides of the inner triangle are flipped to share a side with the third. The extra side is then moved down to create the fourth triangle.

