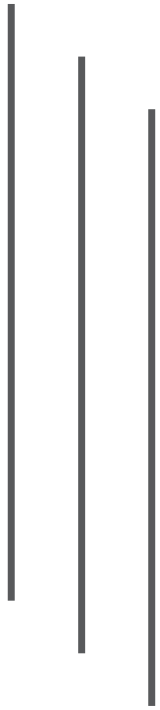


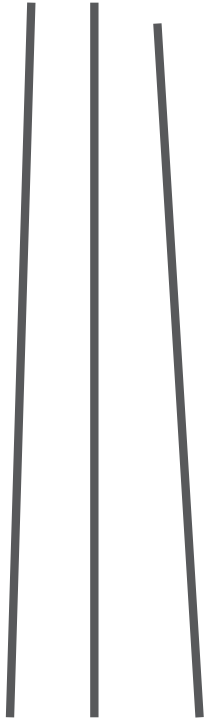
**GUIDE**

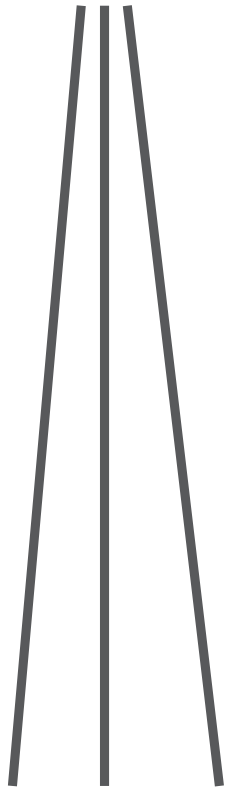
**TO BUILDING**

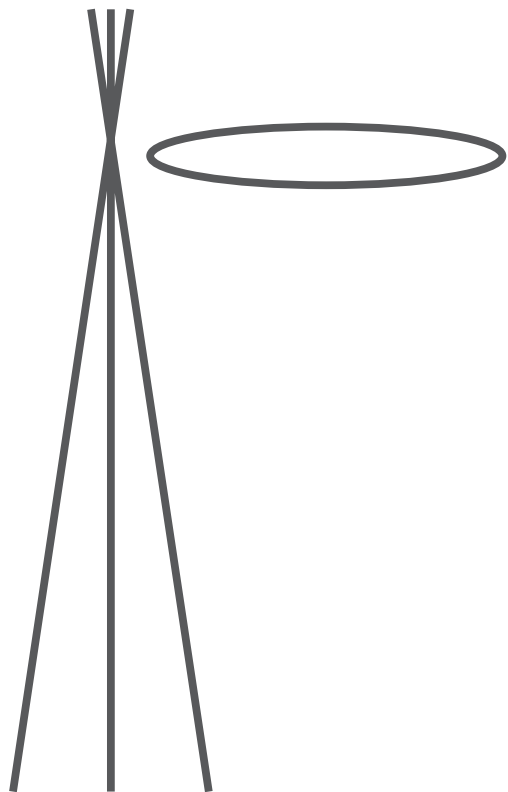
**THE GIANT TETRAHEDRON**

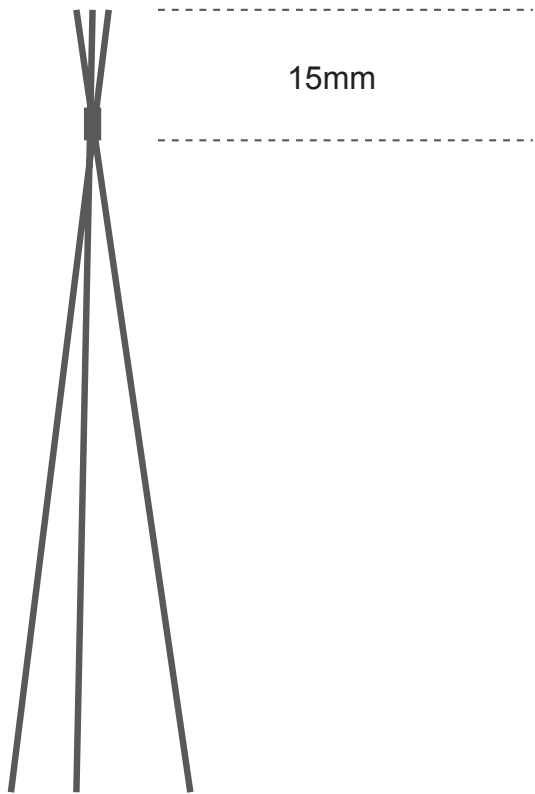


Take 3 sticks and 1 elastic band









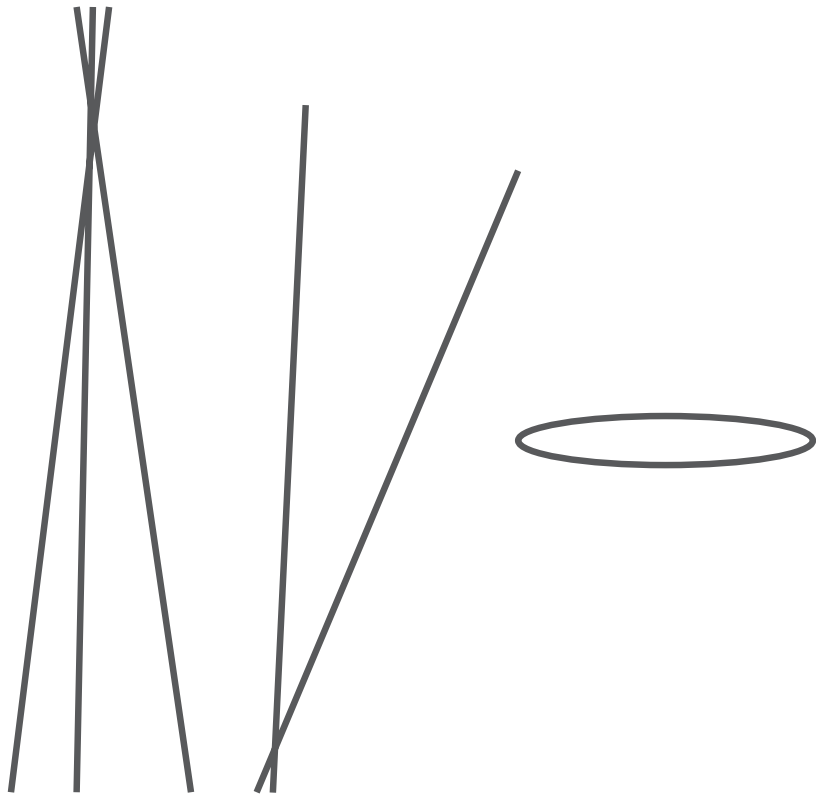
Tie sticks with elastic band about 15mm from one end

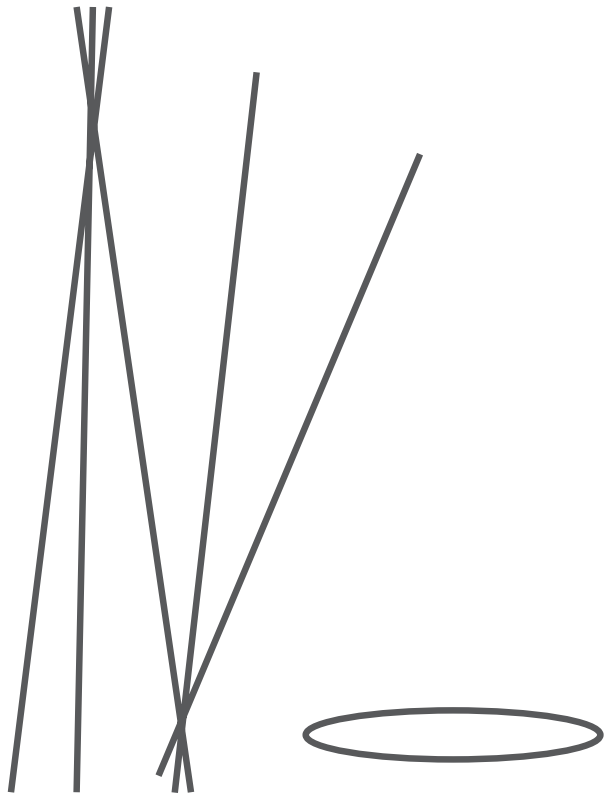


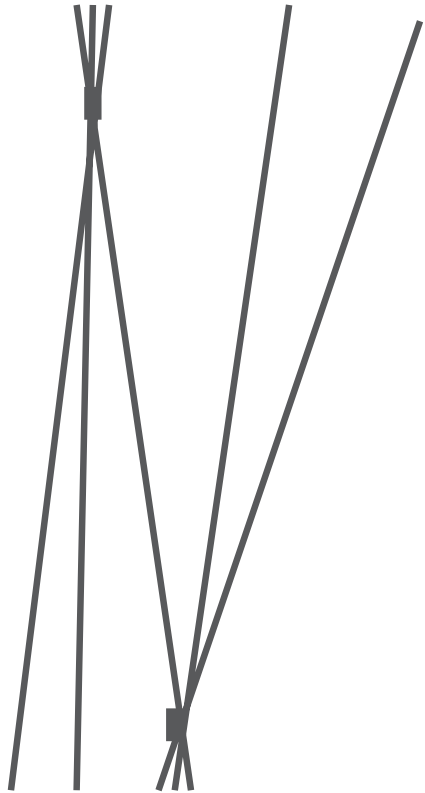
Take 2 more sticks and 1 elastic band



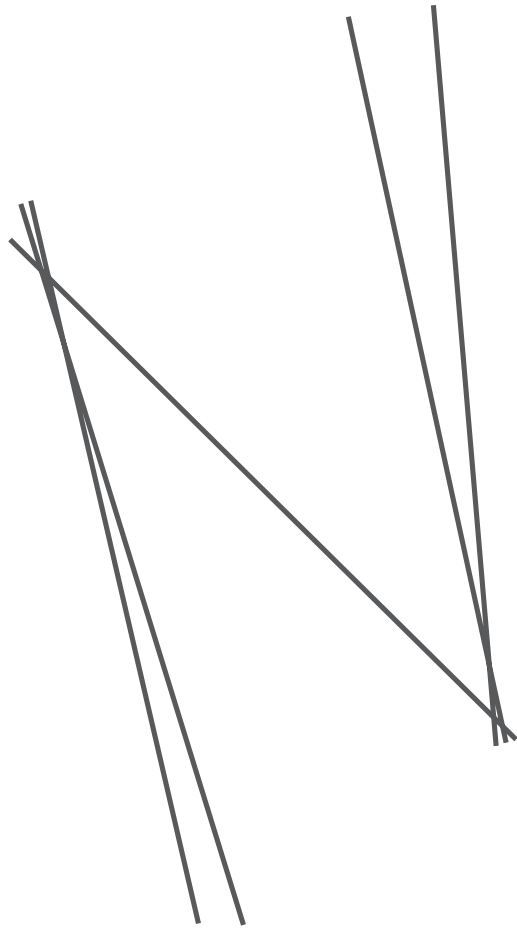




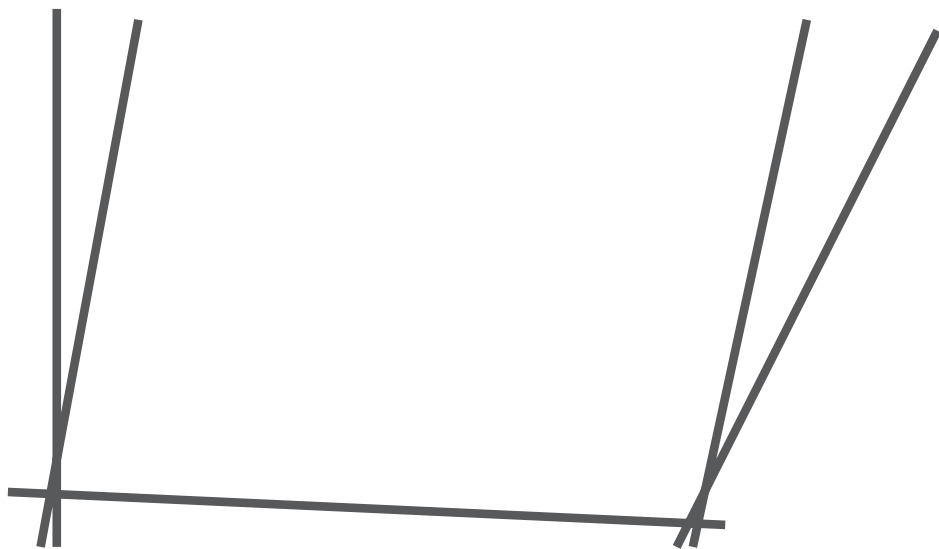


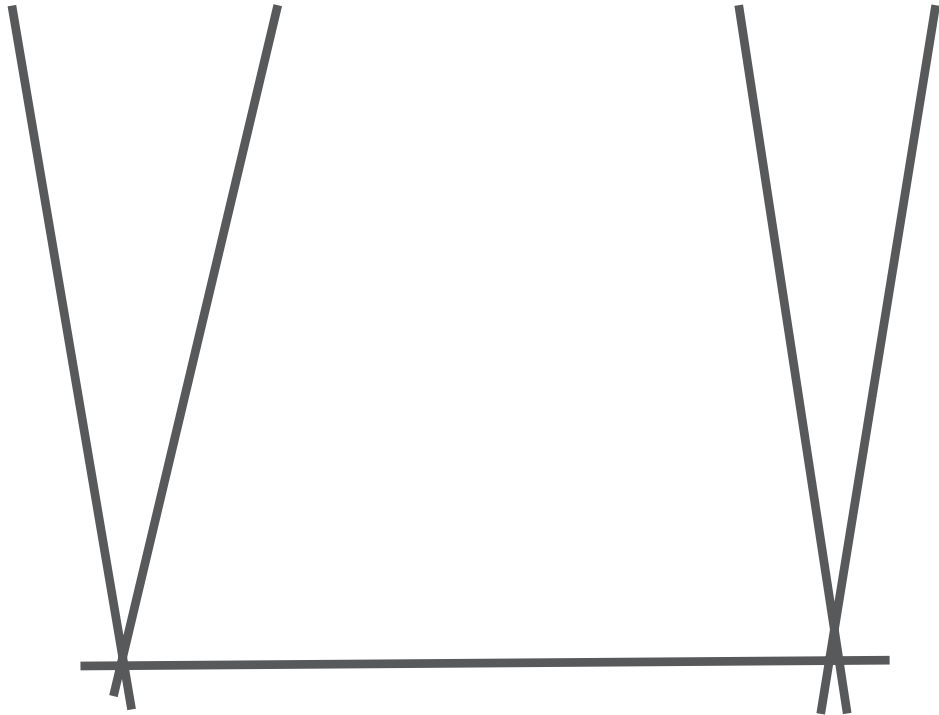


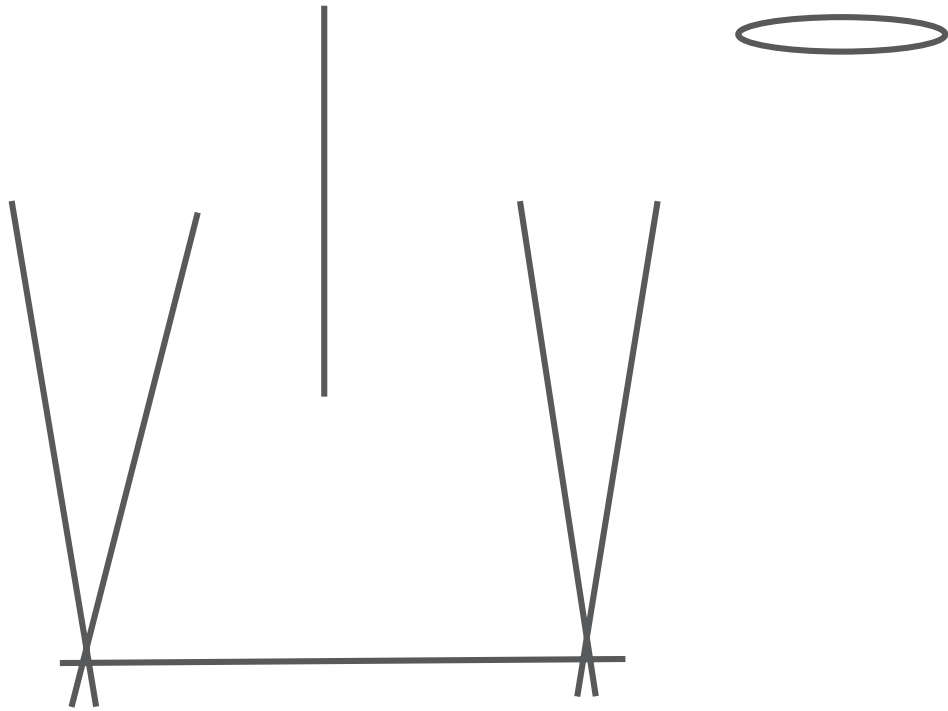
Tie to the second 2 sticks to the first 3 sticks as shown



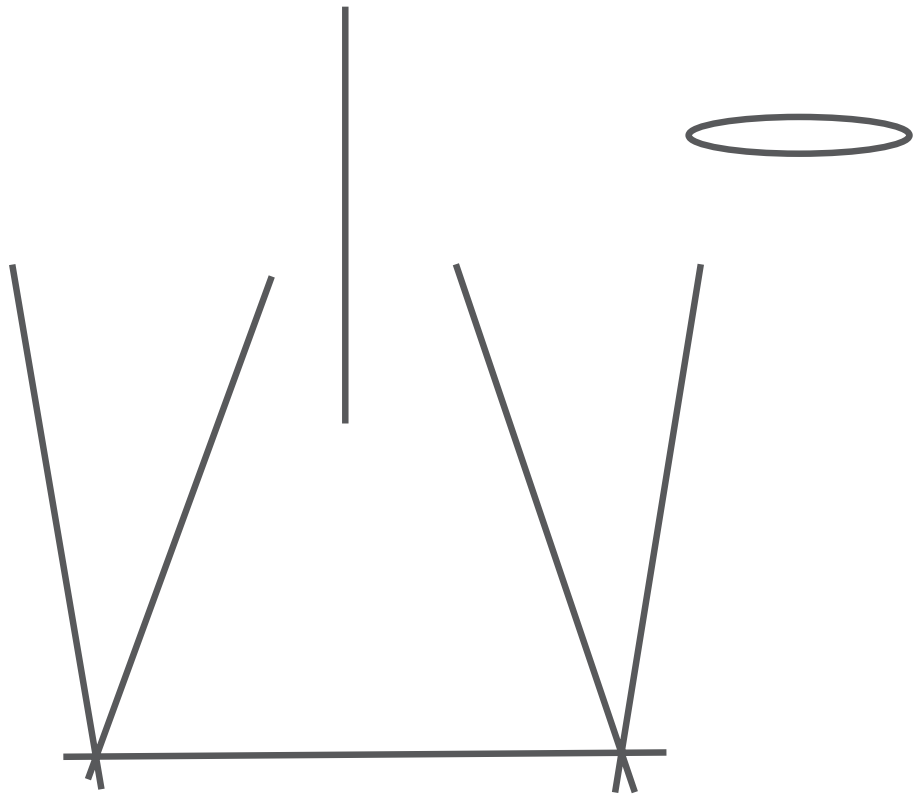
Rotate pairs about the single stick



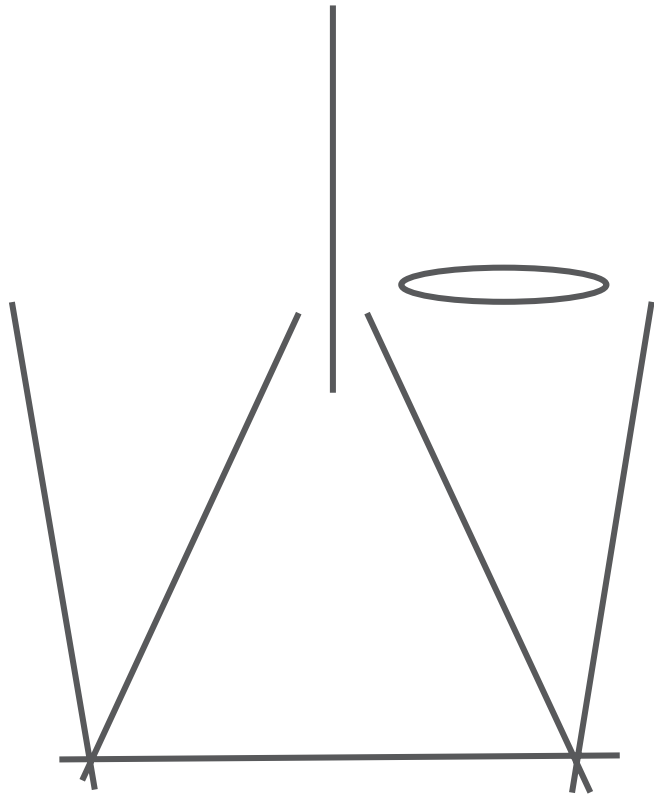


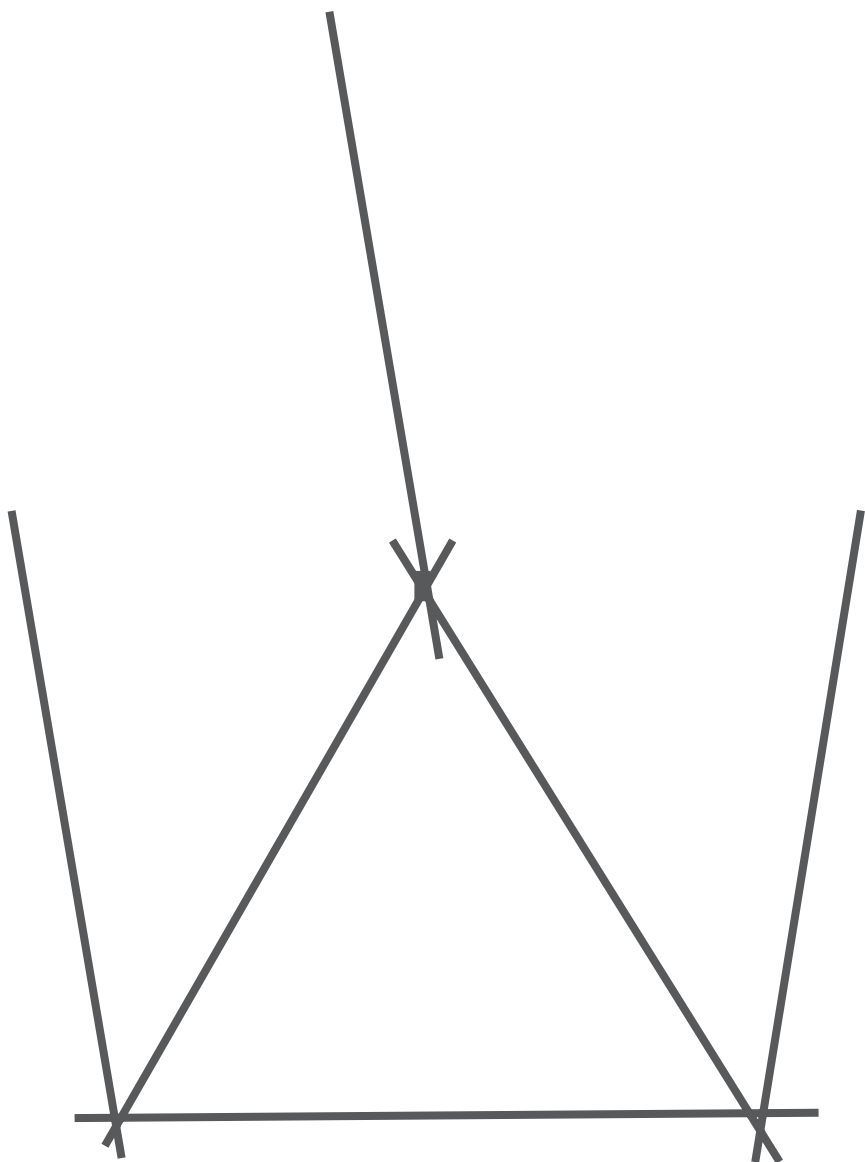


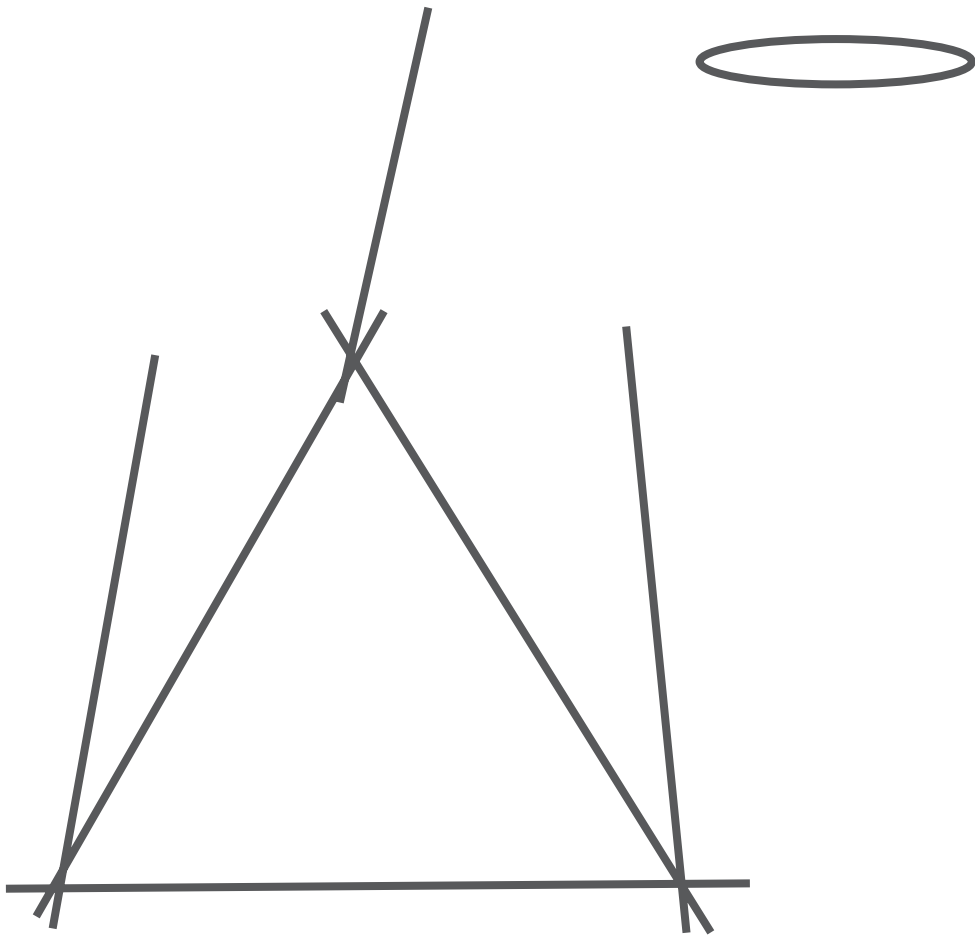
Add 1 stick and 1 elastic band



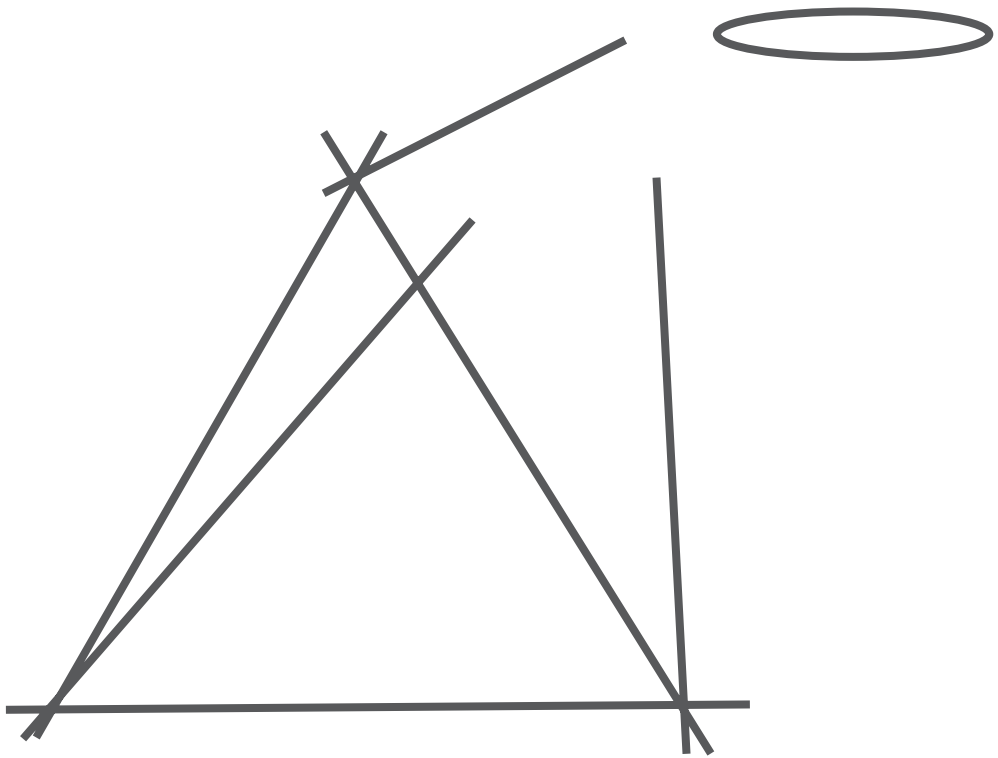


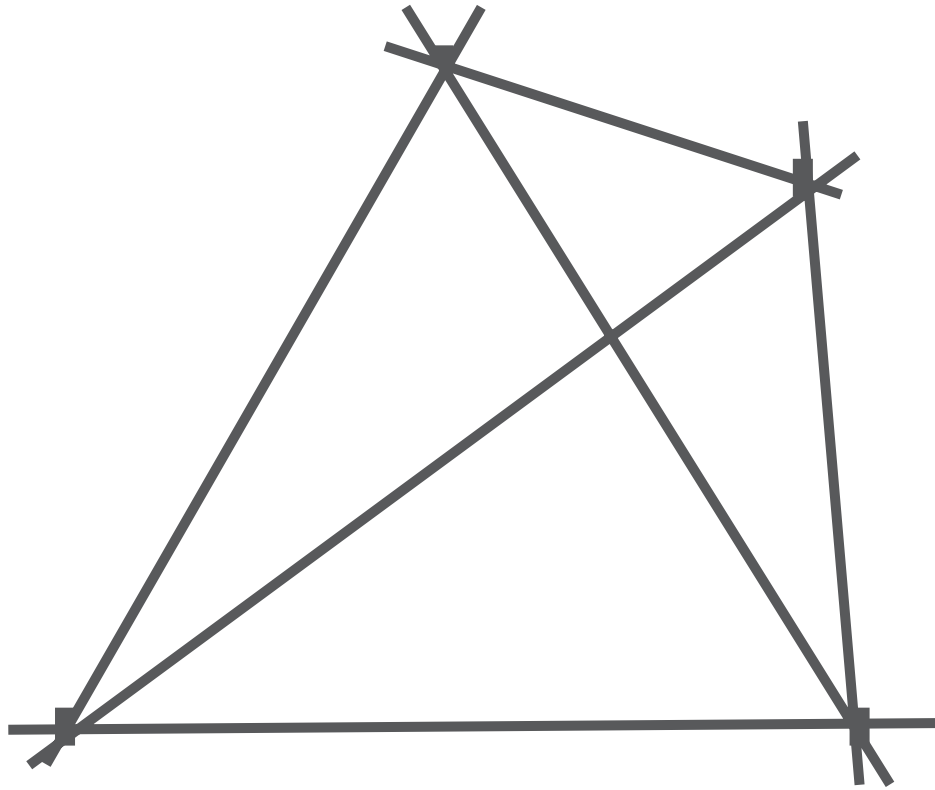


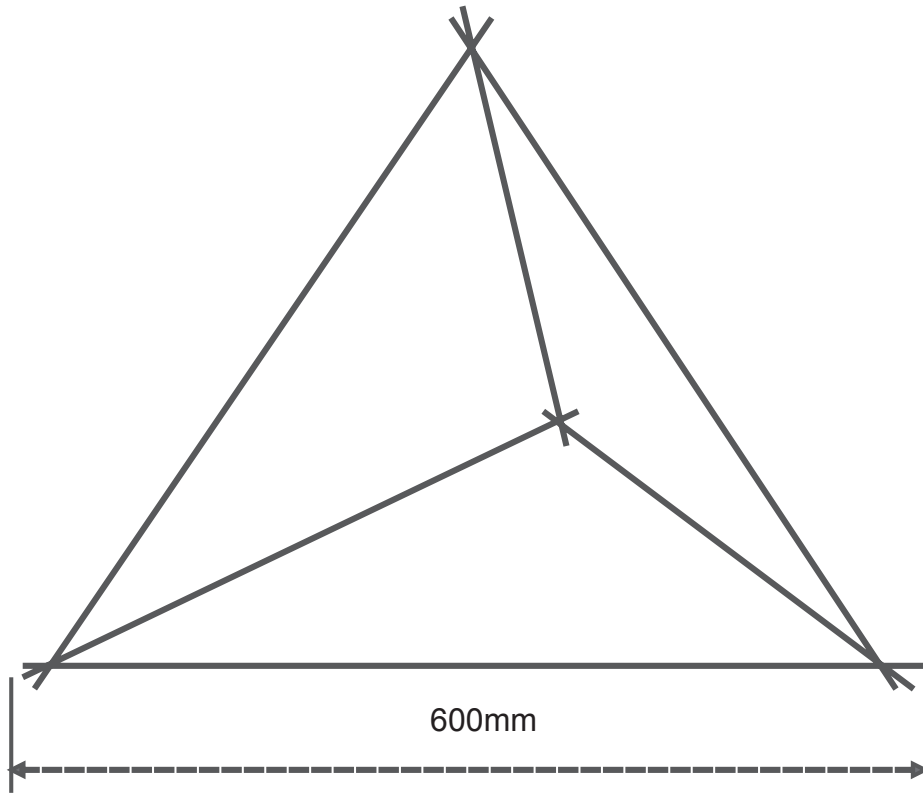


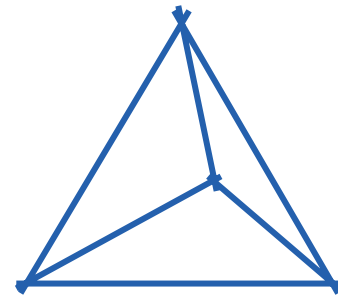
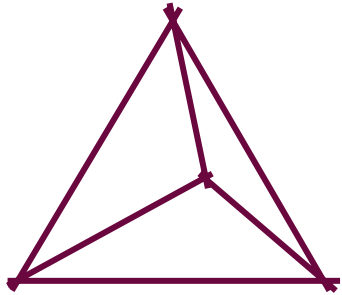
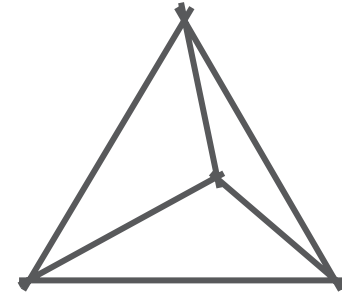
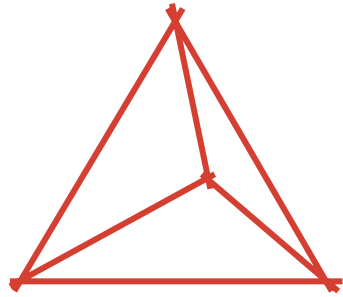


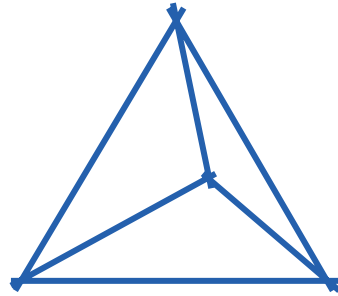
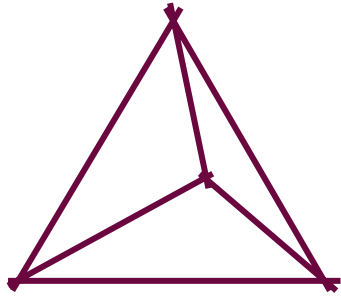
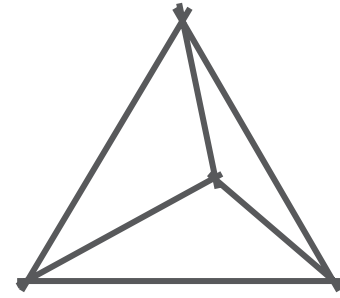
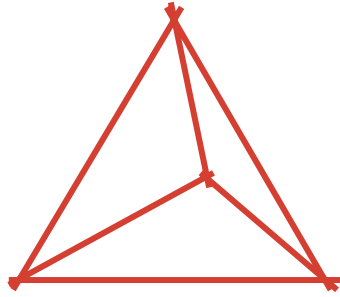
Add final elastic band



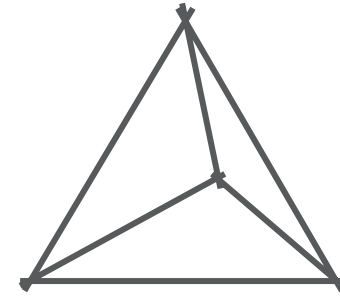
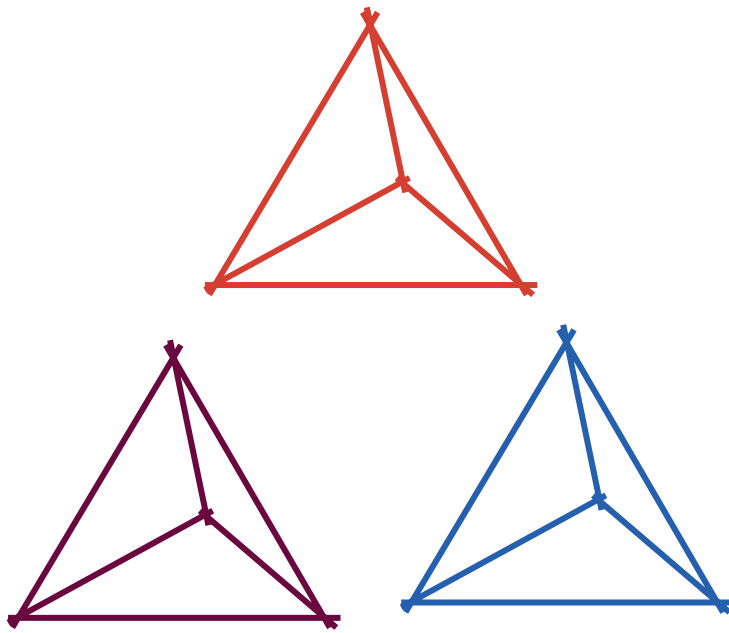


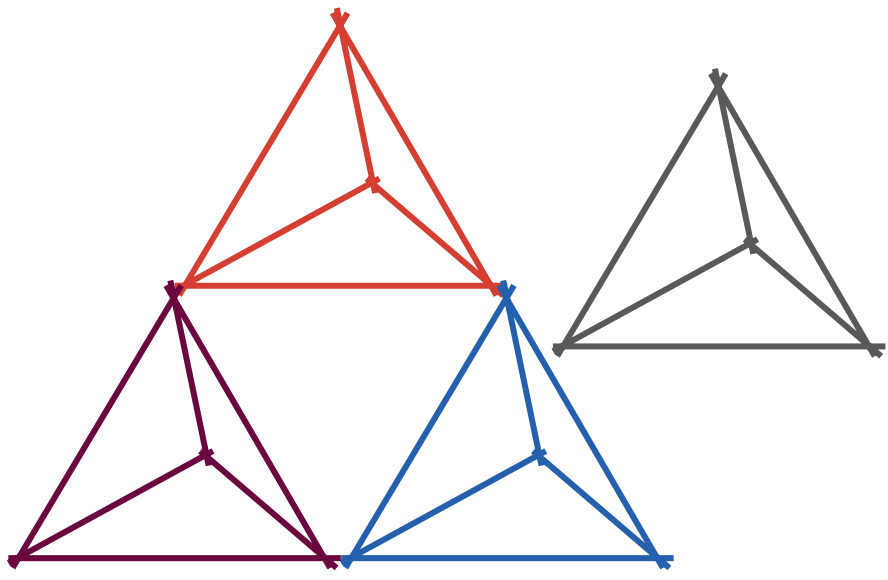


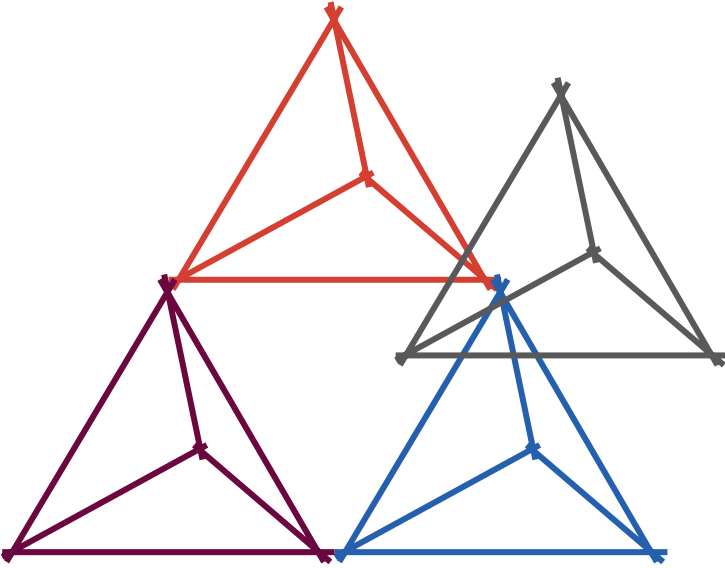


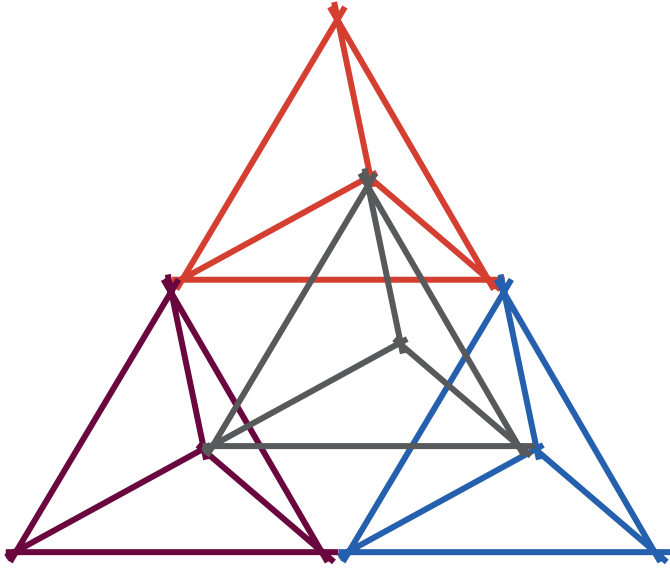


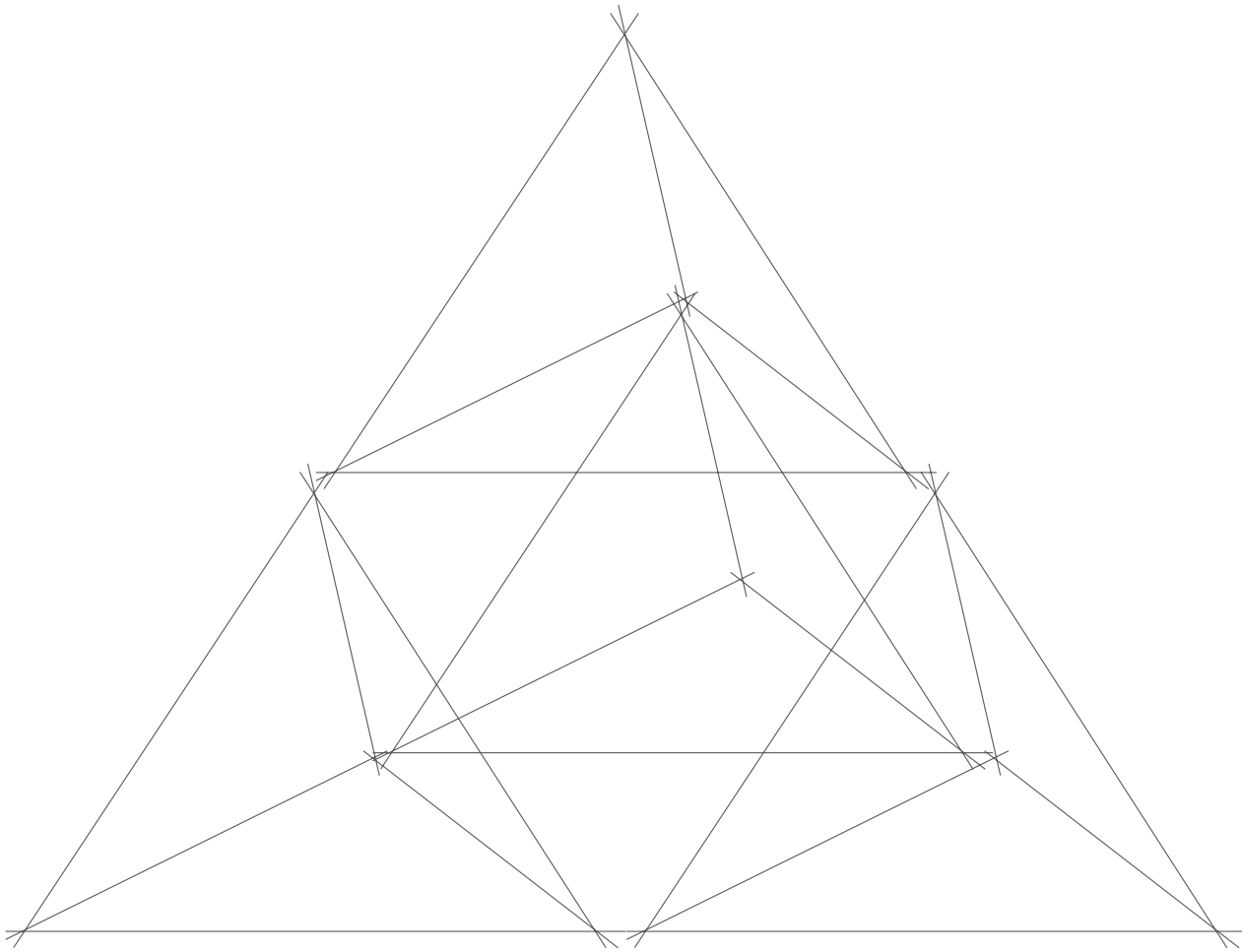




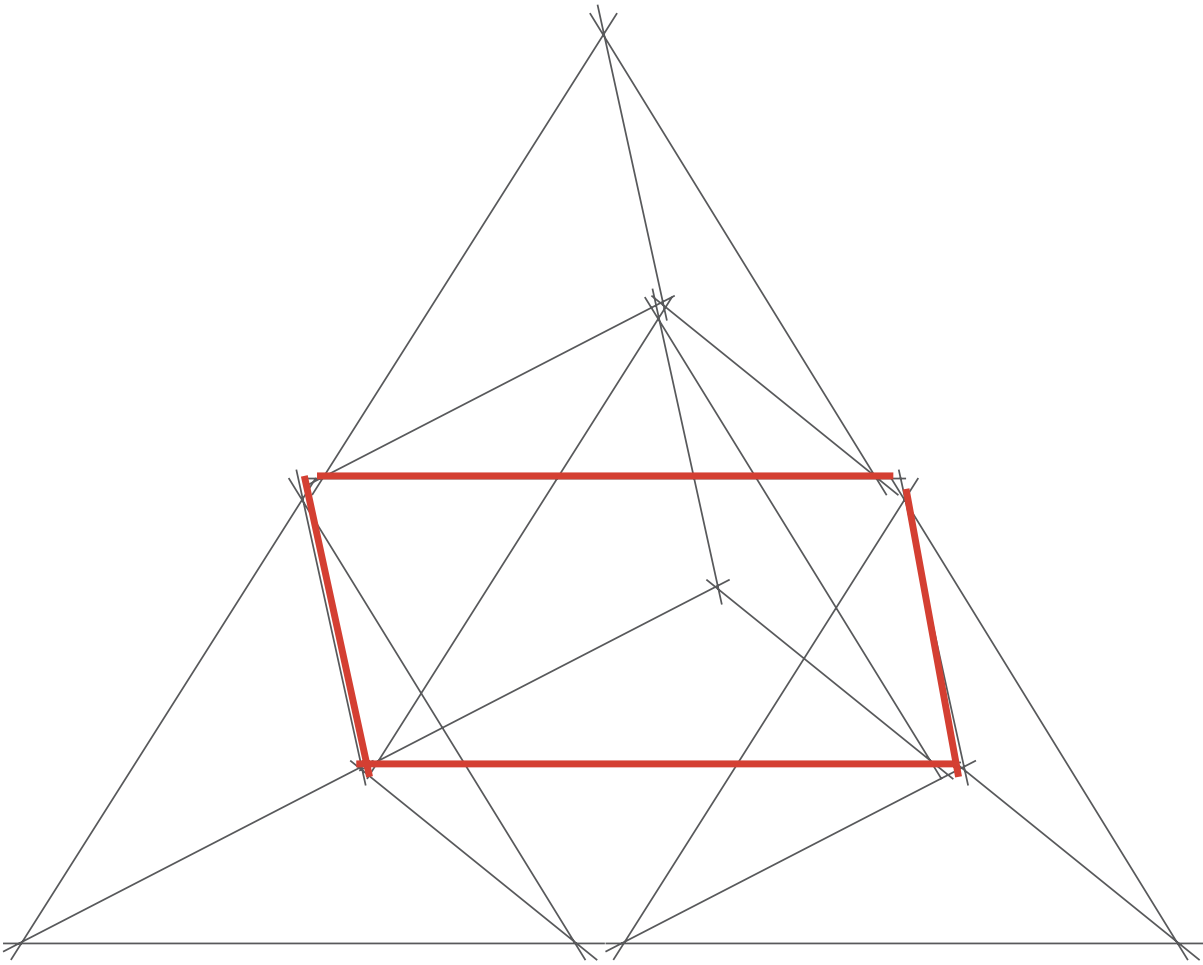




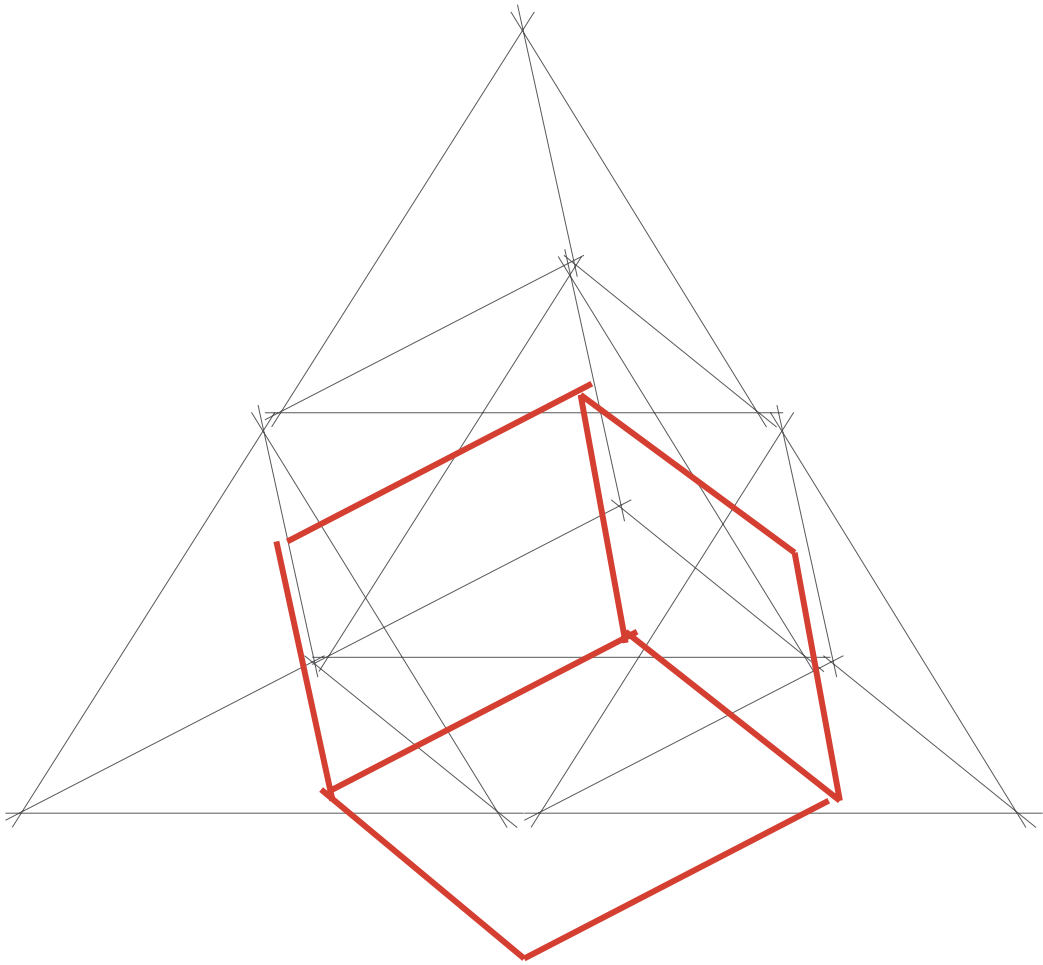




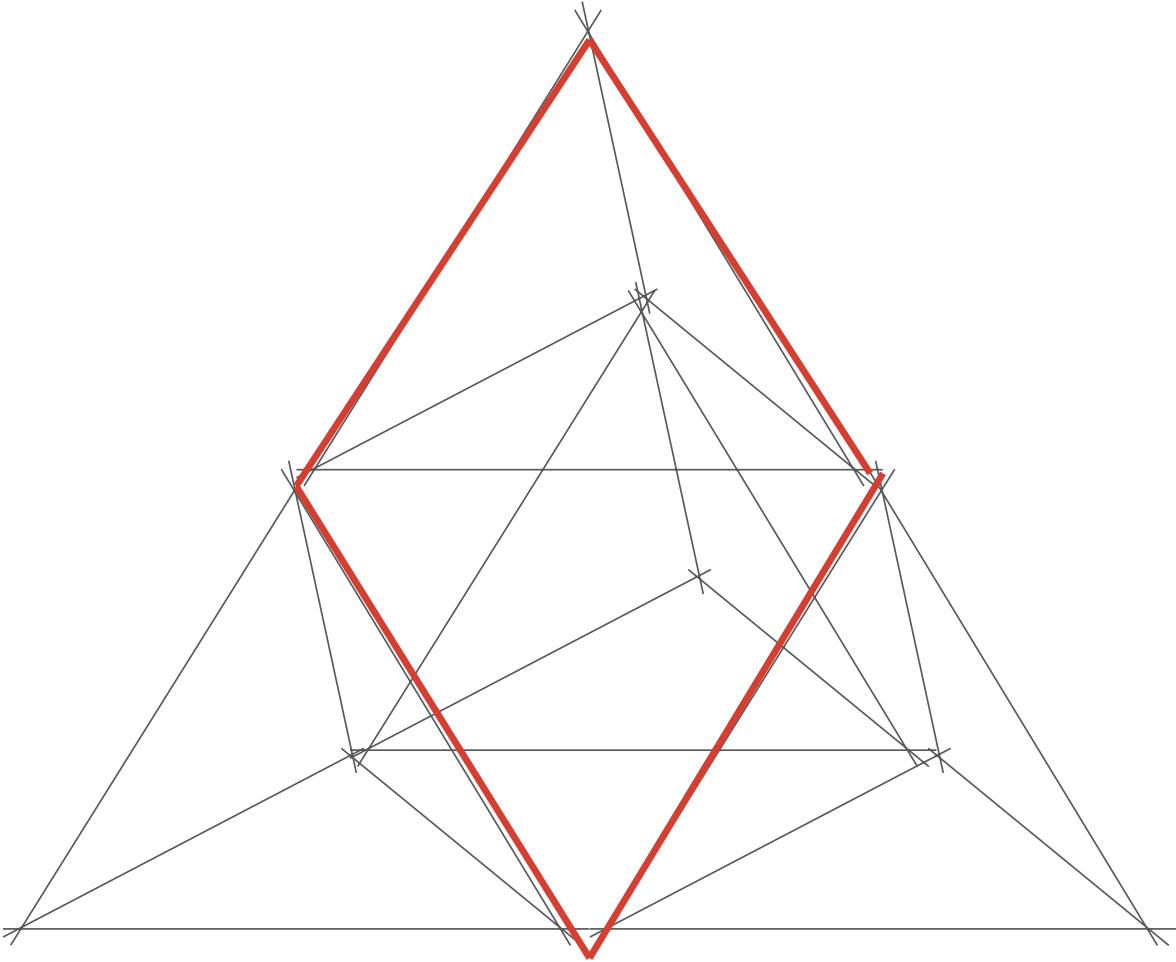
A square?



A cube  
or an illusion?

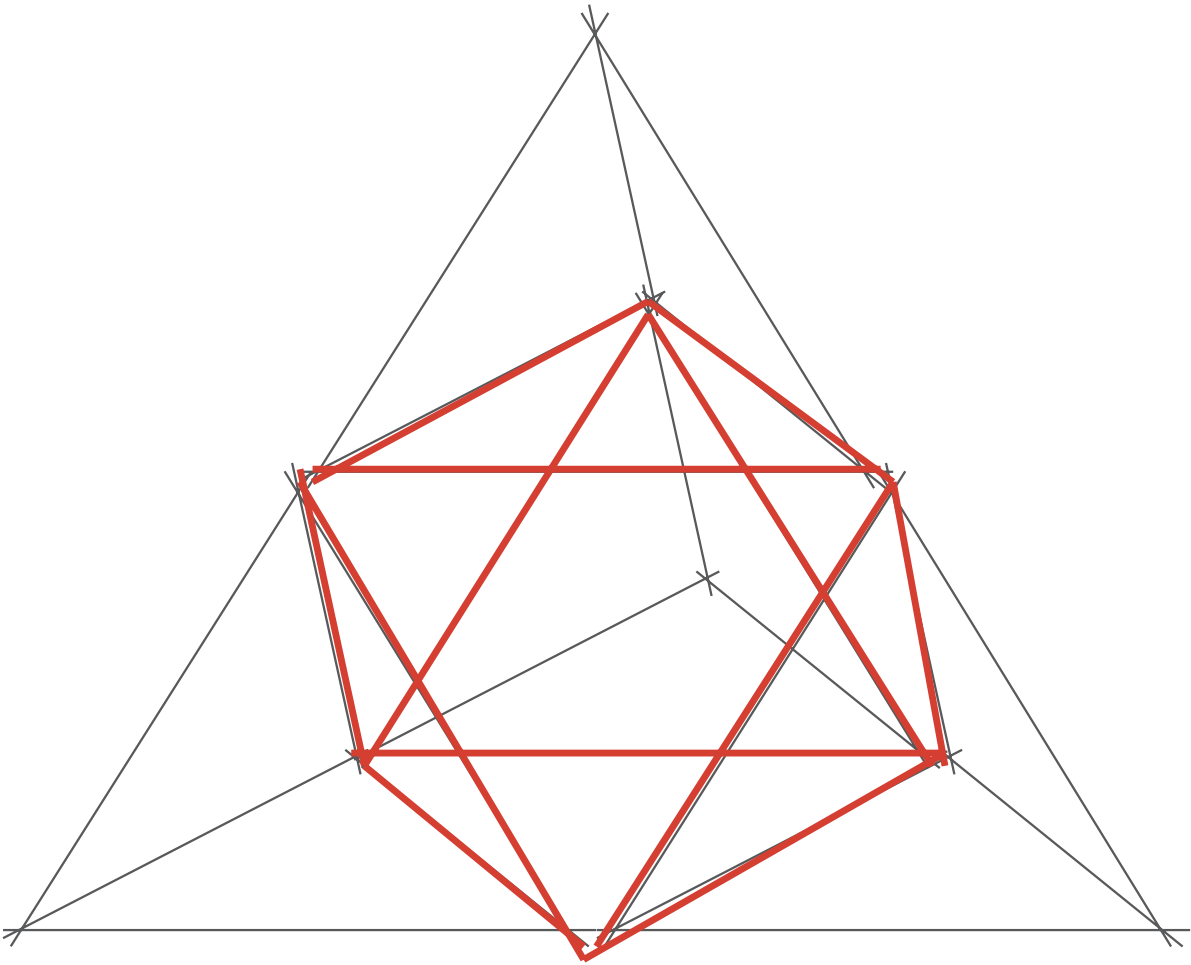


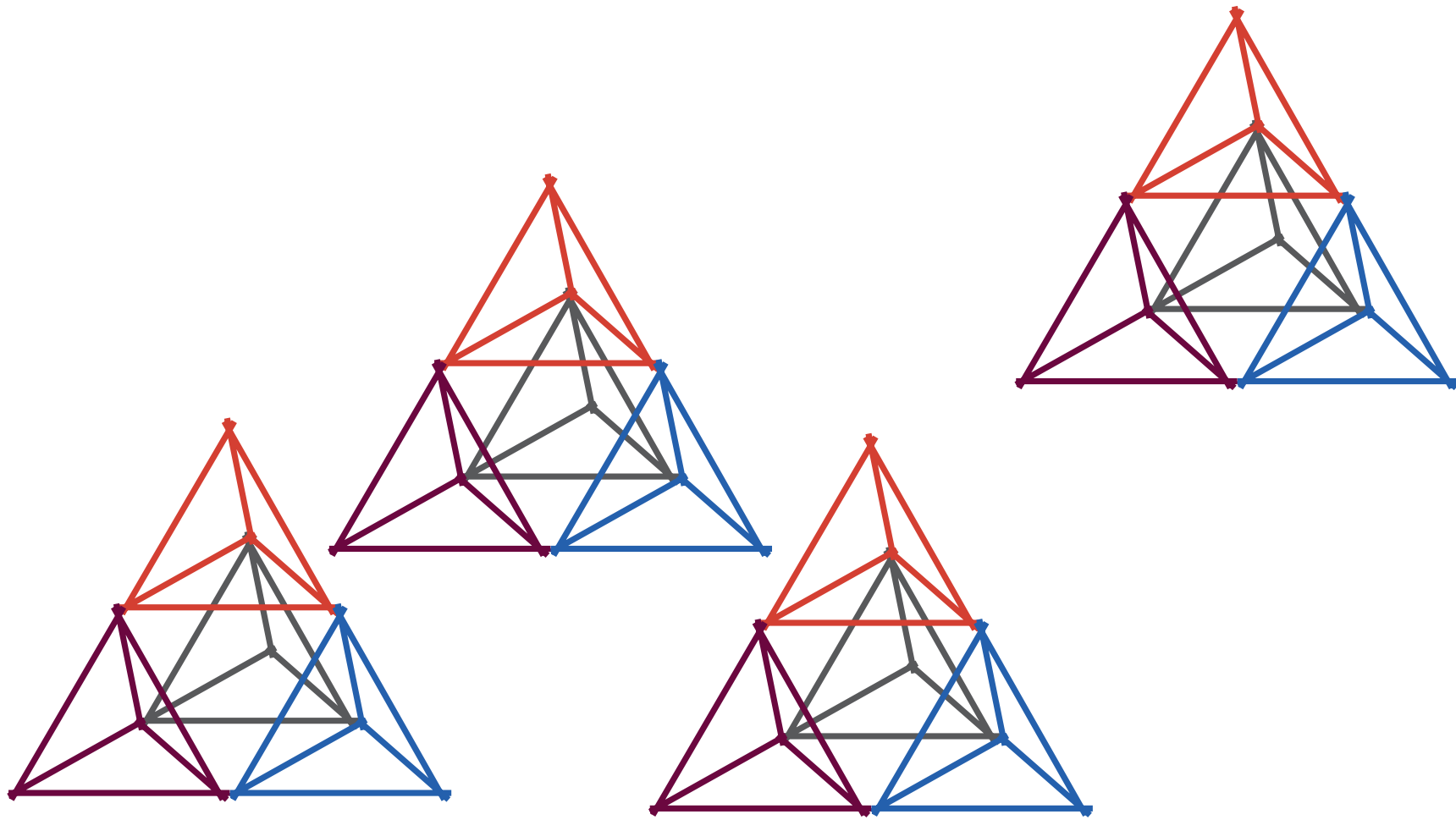
A rhombus?

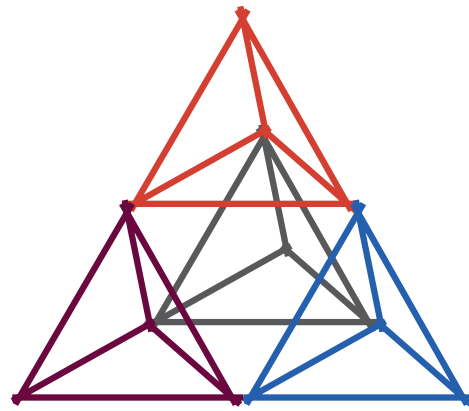
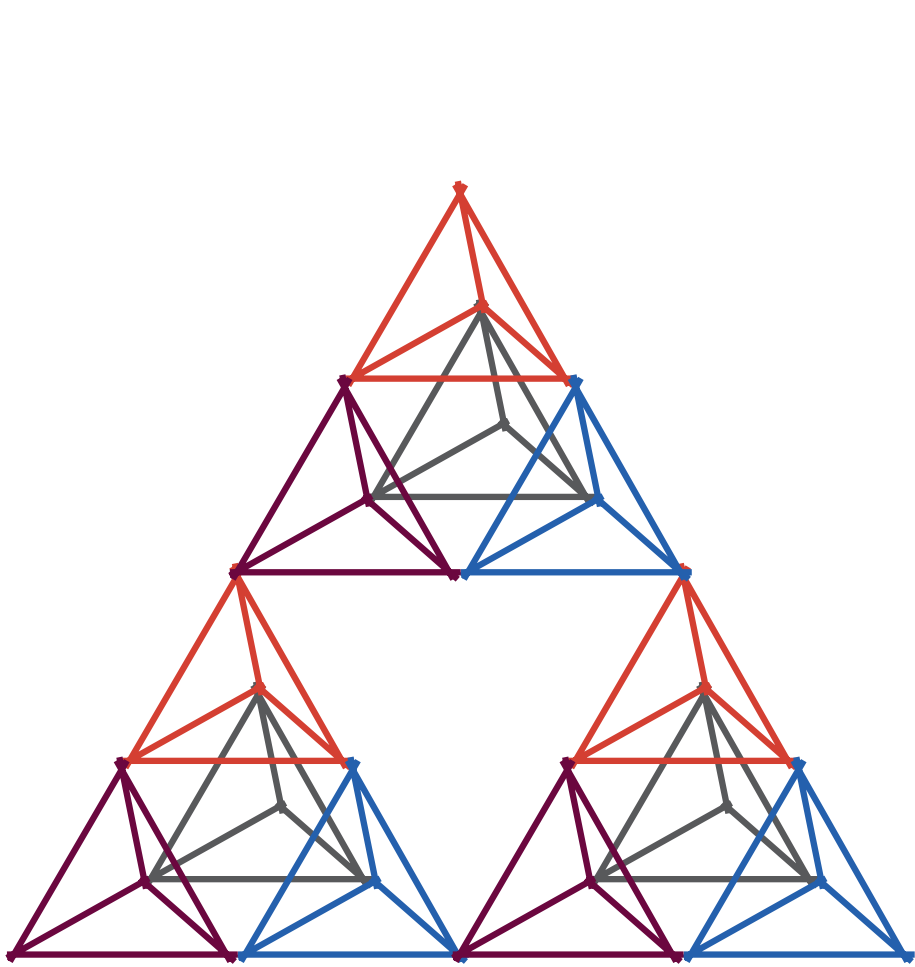


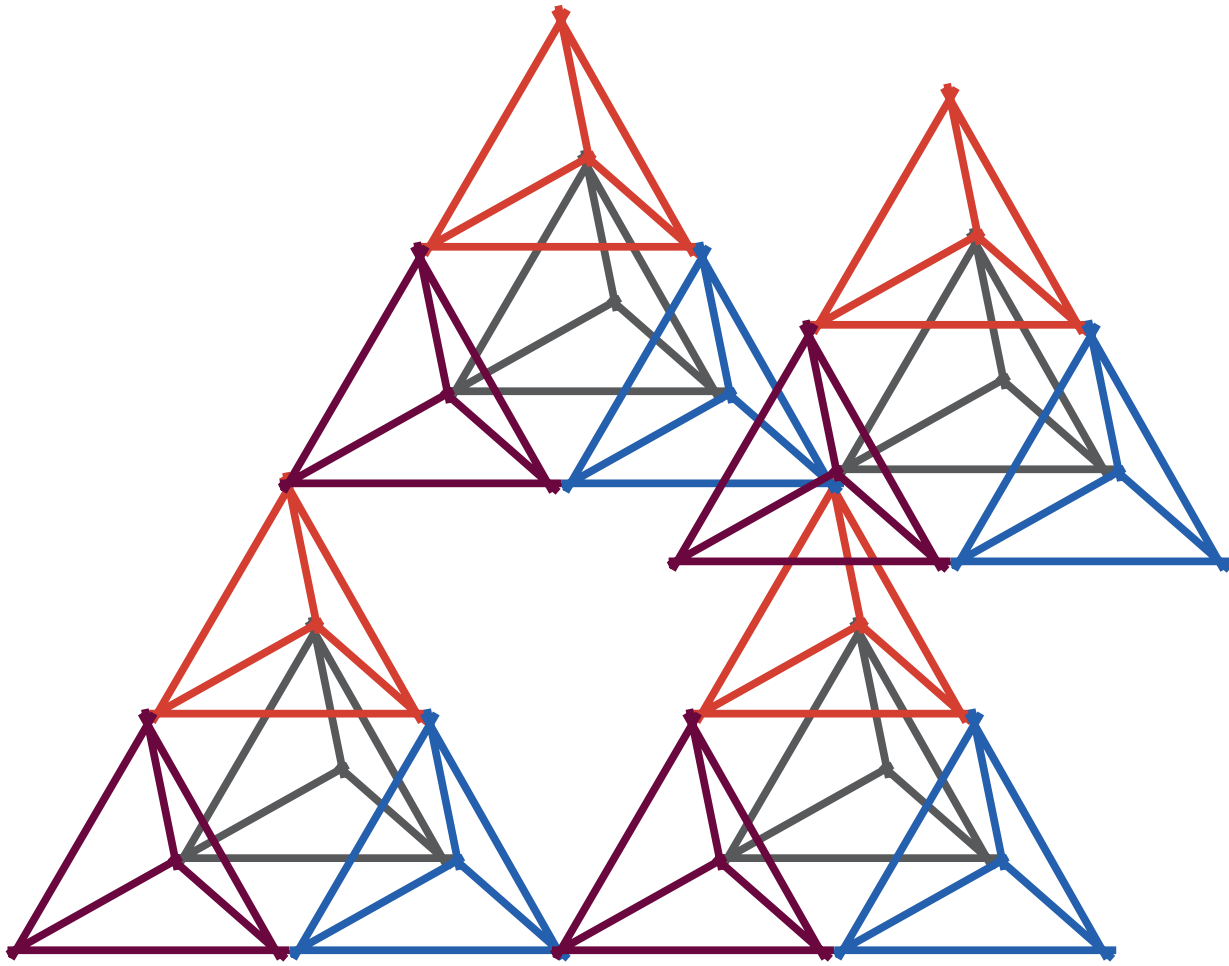


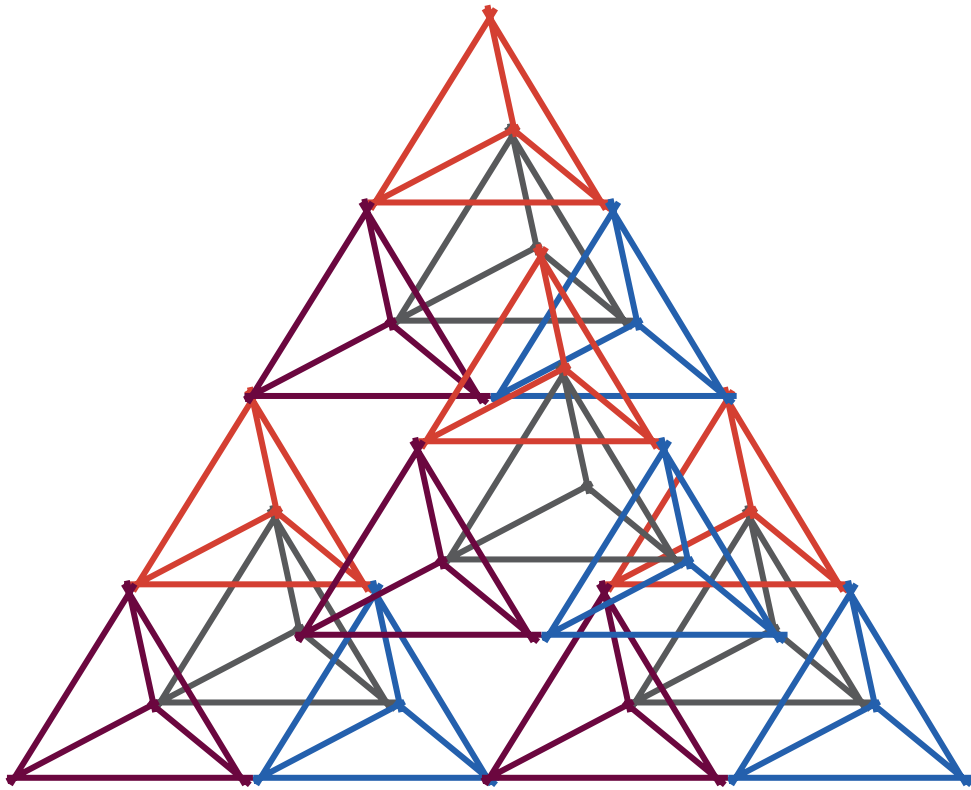
An octahedron?

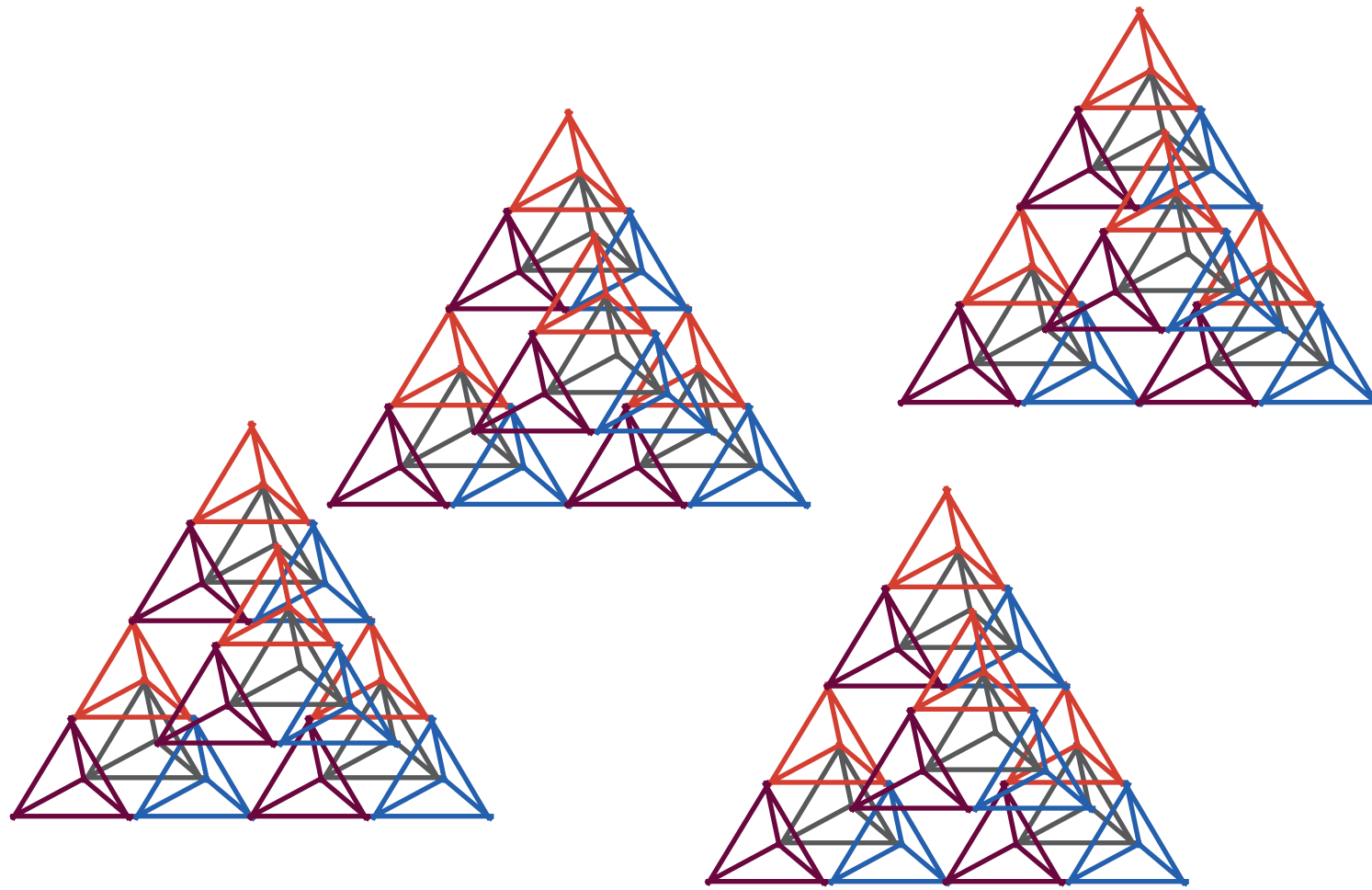


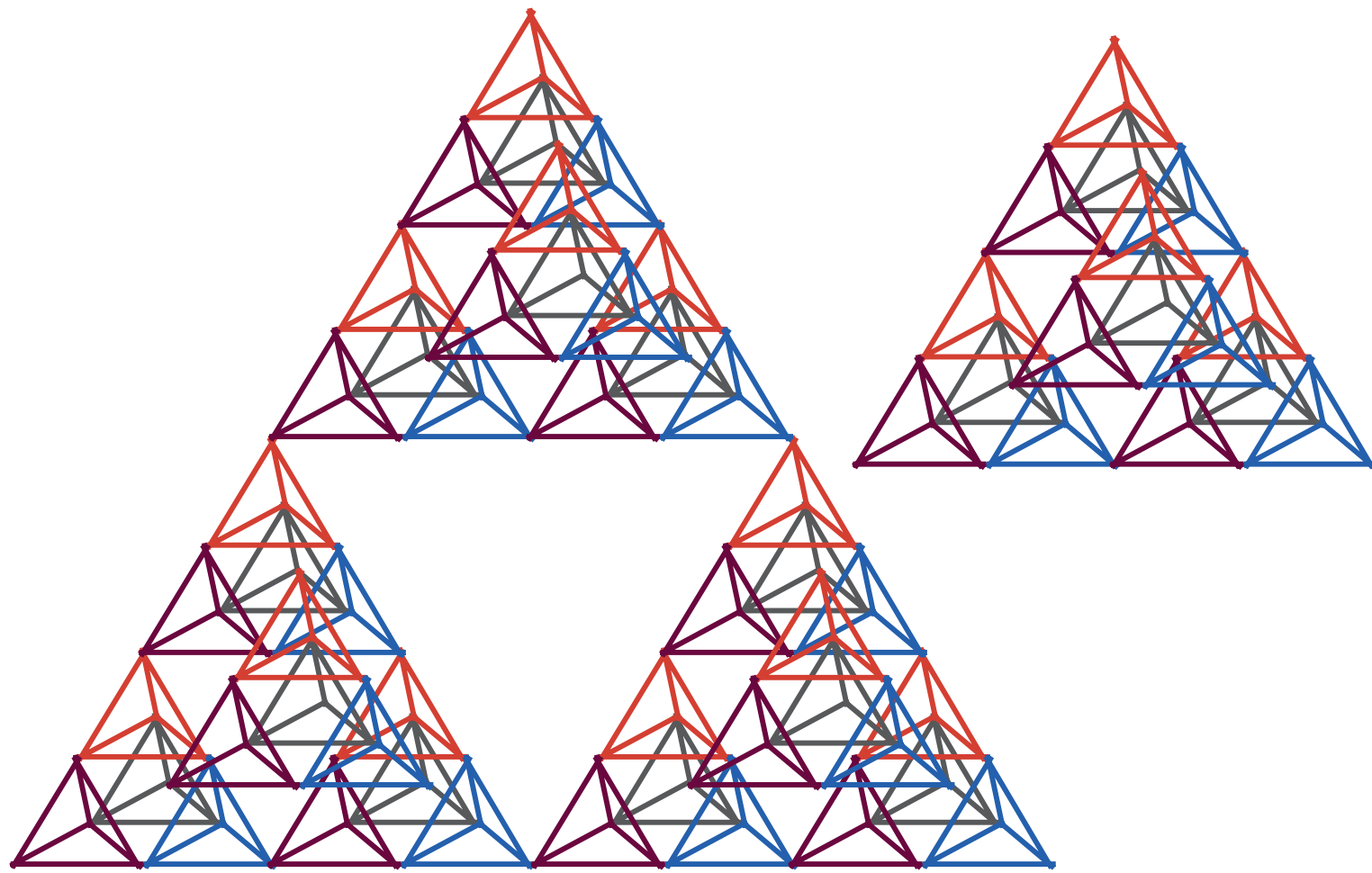


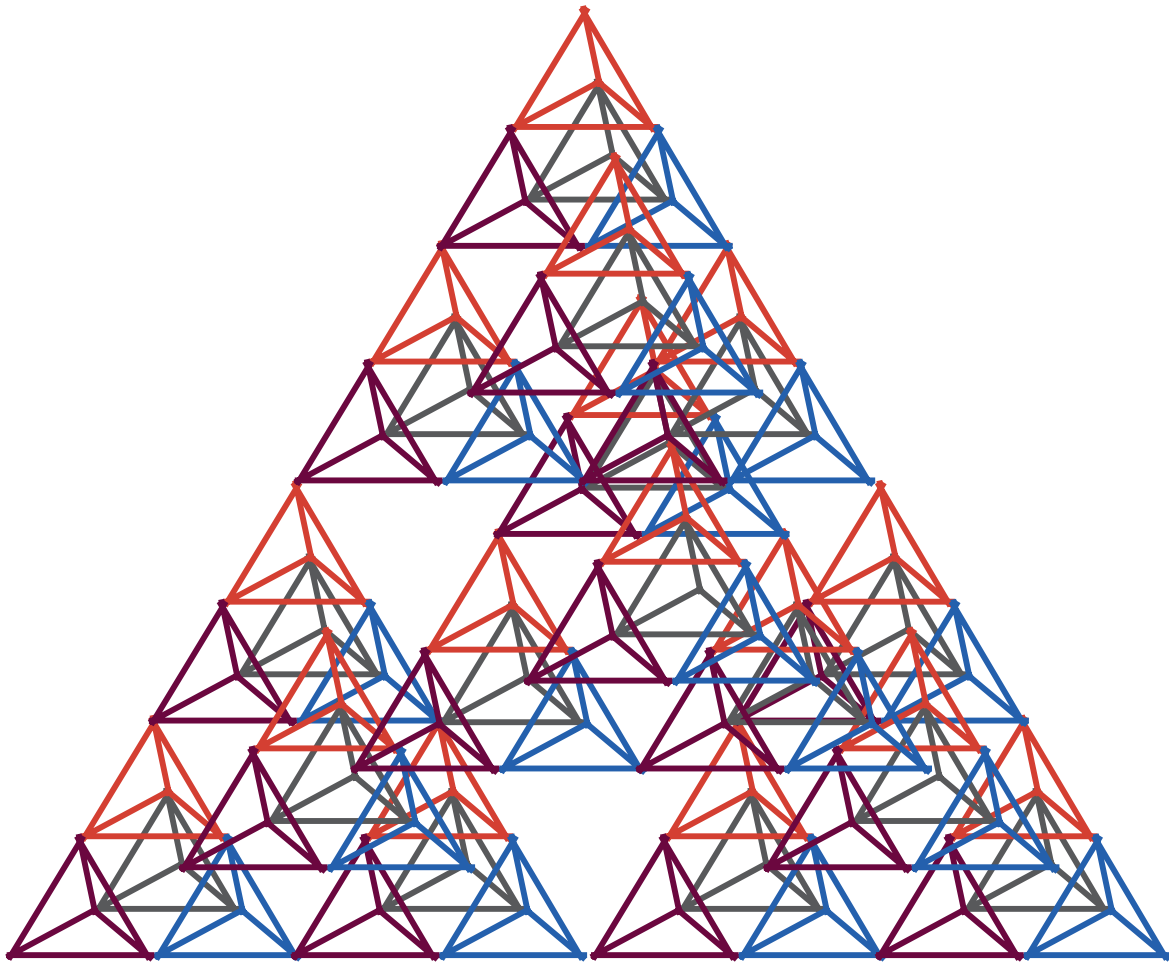




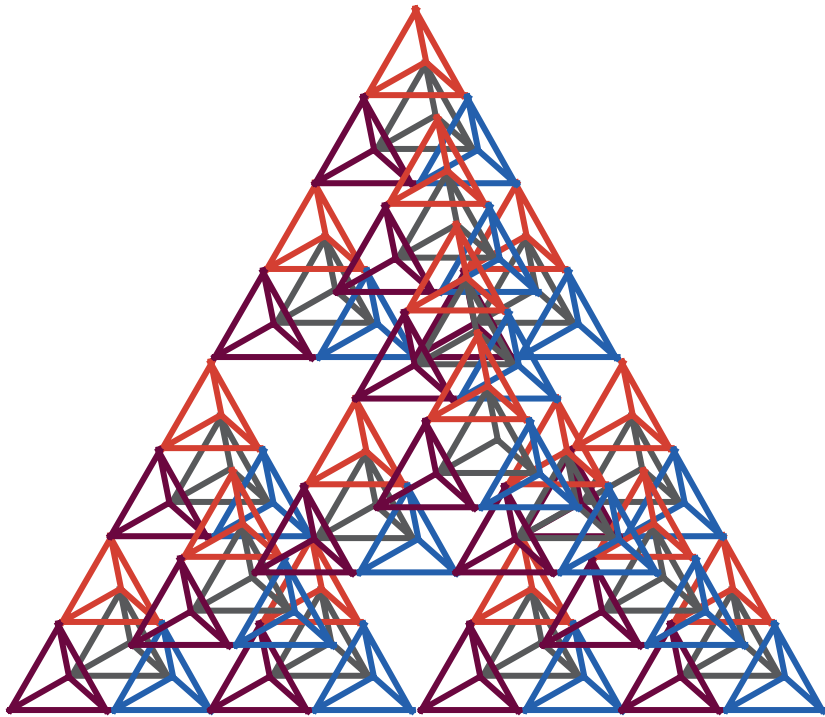












1 small tetrahedron = 6 dowels

4 small tetrahedrons = 1 medium tetrahedron = 24 dowels

4 medium tetrahedrons = 1 large tetrahedron = 96 dowels

4 large tetrahedrons = 1 giant tetrahedron = 384 dowels = 64 small tetrahedrons

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