235 circles in an isosceles right triangle
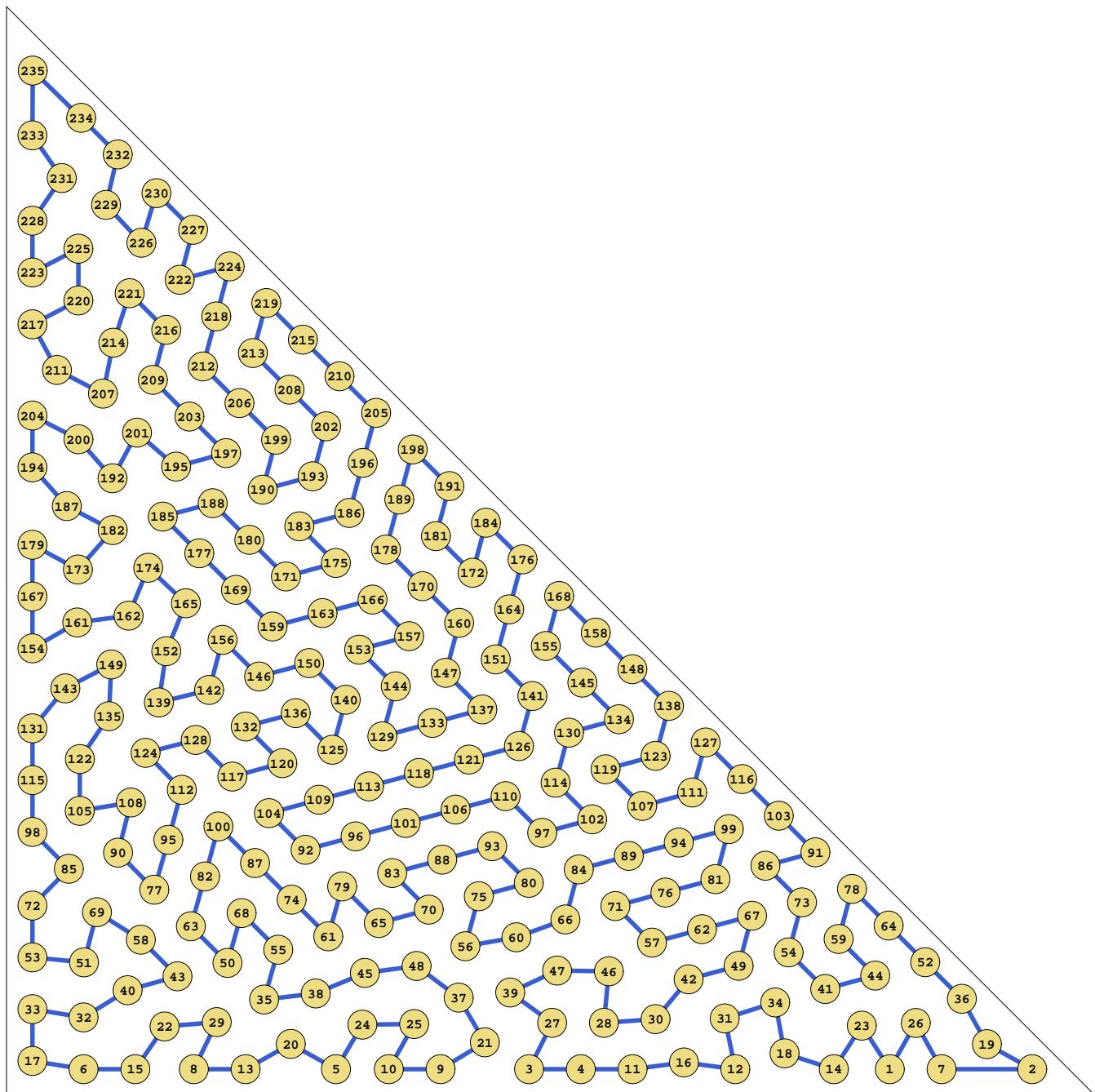
radius = 0.023789163431	**density = 0.835614698180**	
ratio = 42.035946446805	**length = 11.251863**	