252 circles in an isosceles right triangle
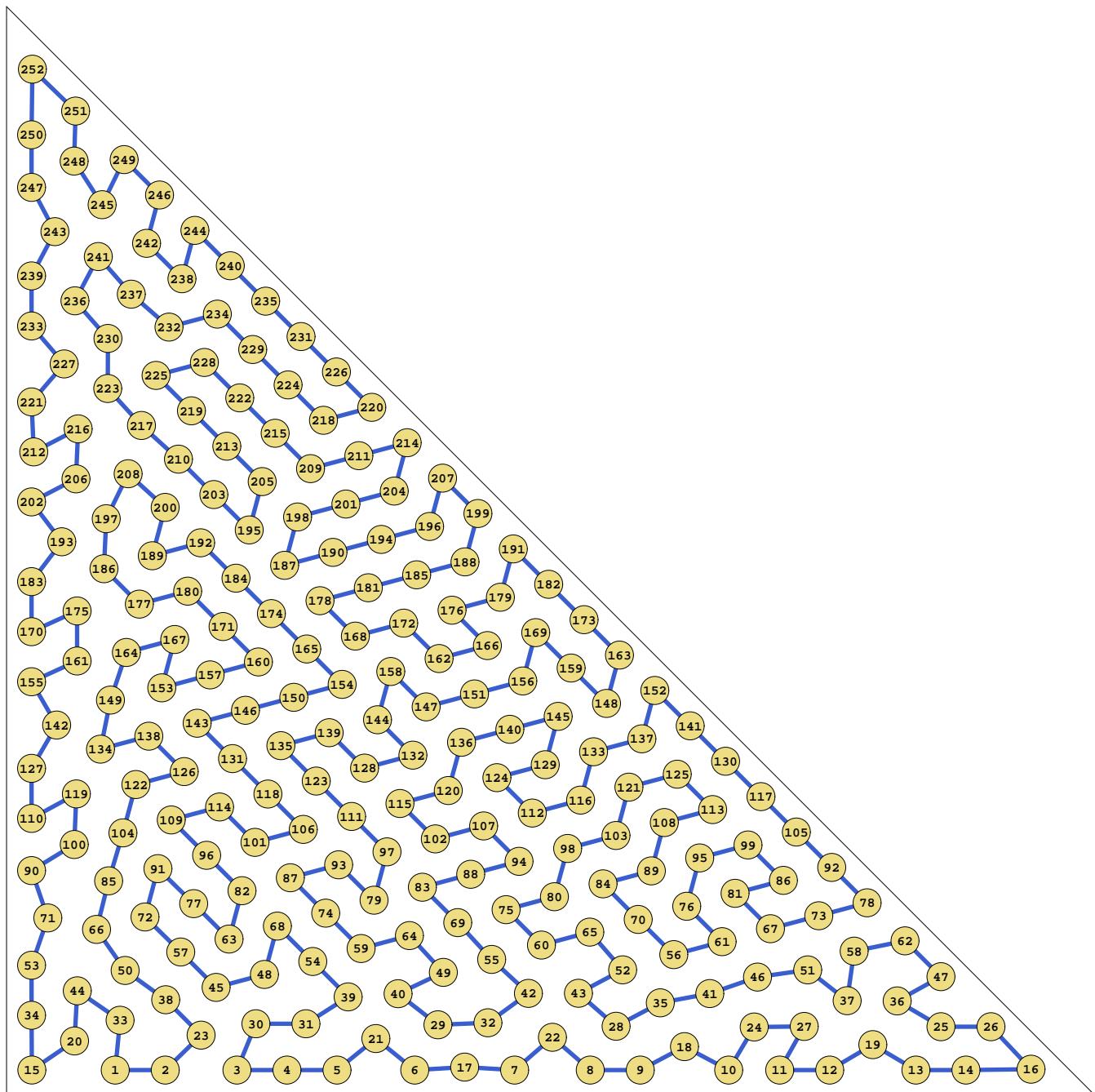
radius = 0.022990008319	**density = 0.836871284072**	
ratio = 43.497156944223	**length = 11.650349**	