30 circles in an isosceles right triangle
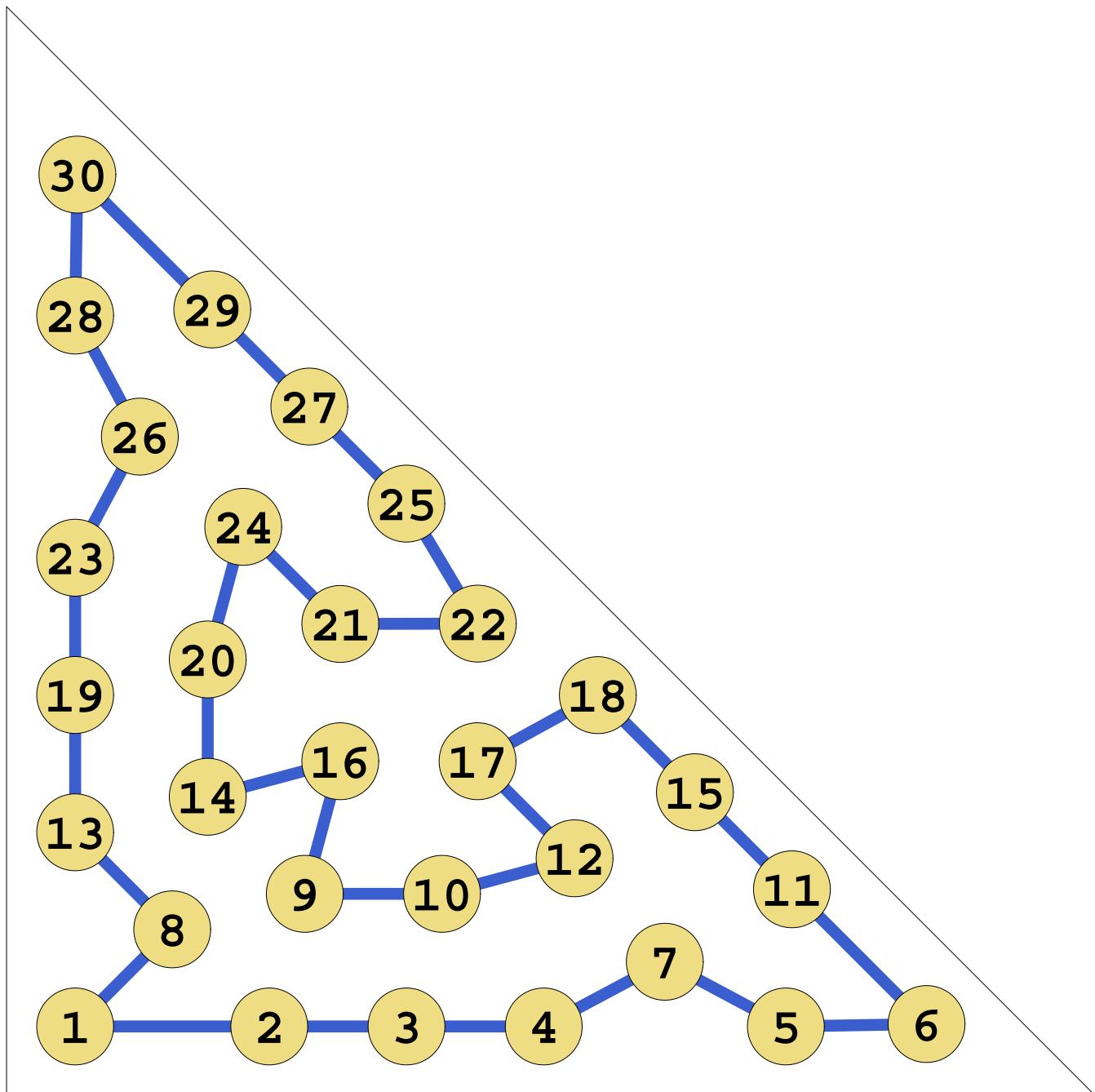
radius = 0.063062012996	**density = 0.749612435384**	
ratio = 15.857406899747	**length = 3.942956**	