42 circles in an isosceles right triangle
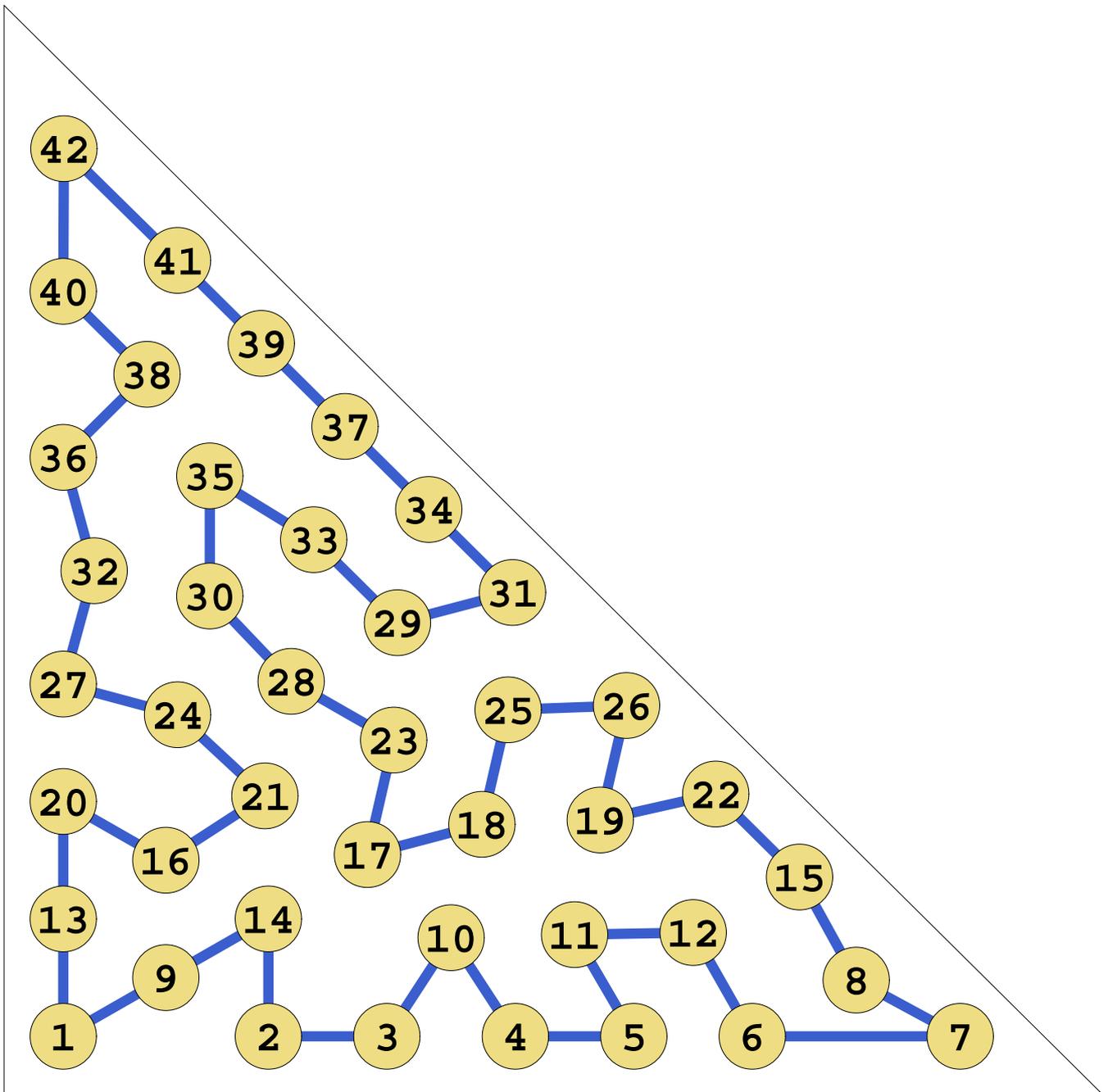
radius =	0.053878035839	**density** =	0.766042153382
ratio =	18.560439043915	**length** =	4.677444