57 circles in an isosceles right triangle
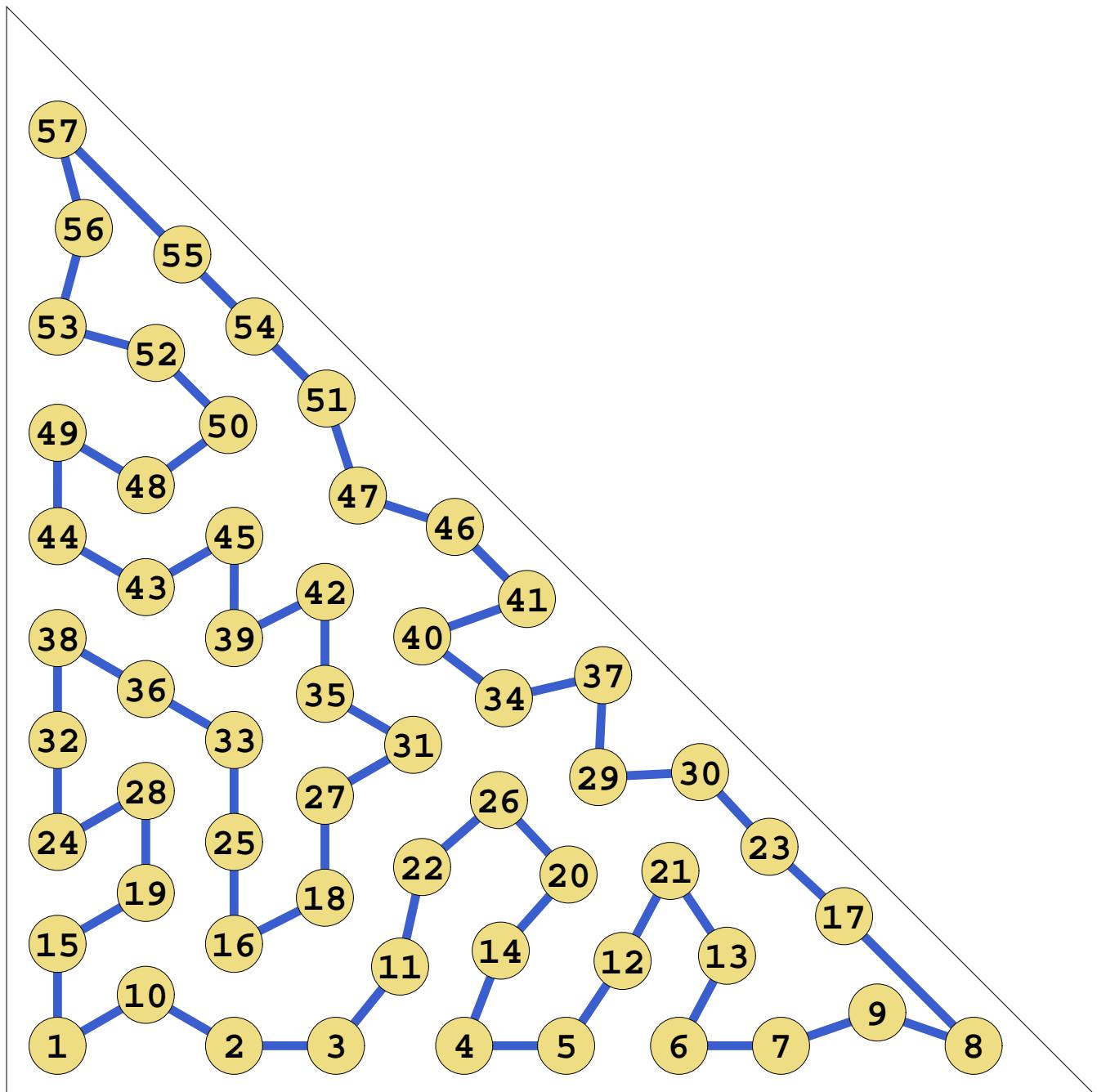
radius =   0.046745895733   density = 0.782603338306
ratio = 21.392252395850   length   =   5.483682