126 circles in an isosceles right triangle
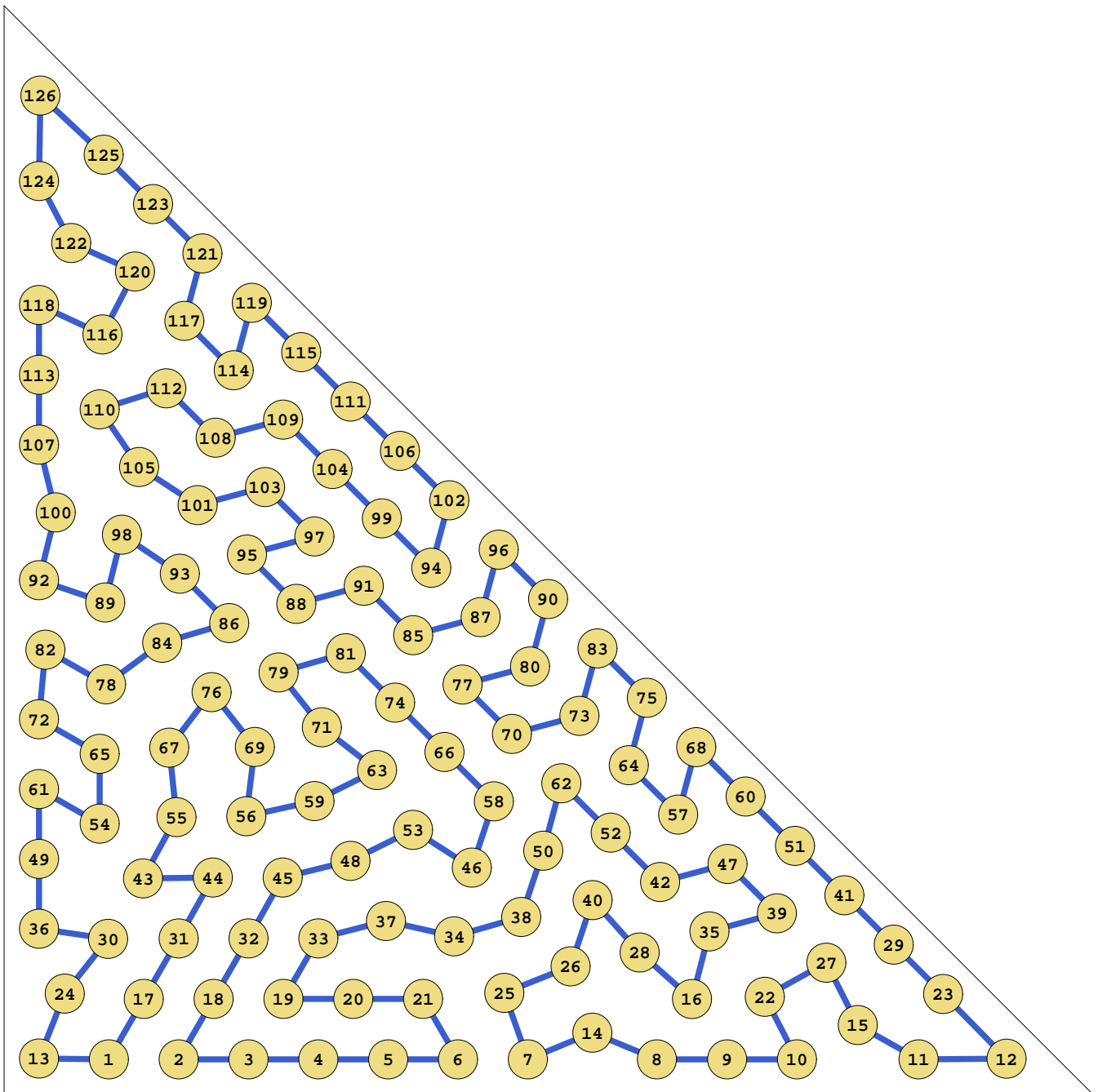

radius   =   0.032071871108   density   = 0.814327327453
ratio   = 31.179970655470   length   =   8.152839