21 circles in an isosceles right triangle
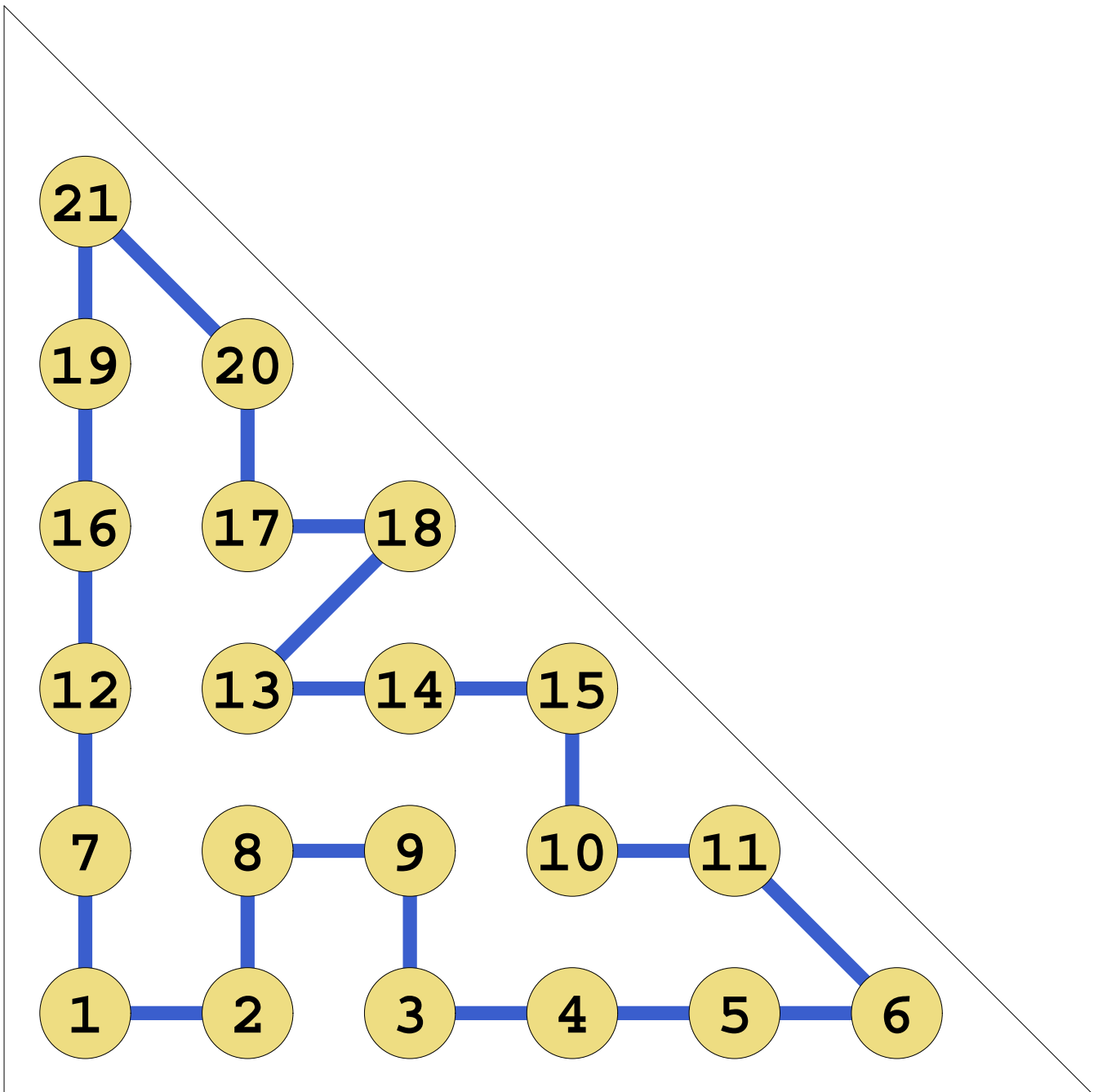
radius =   0.074547791814   density = 0.733278126867
ratio   = 13.414213562373   length   =   3.316287