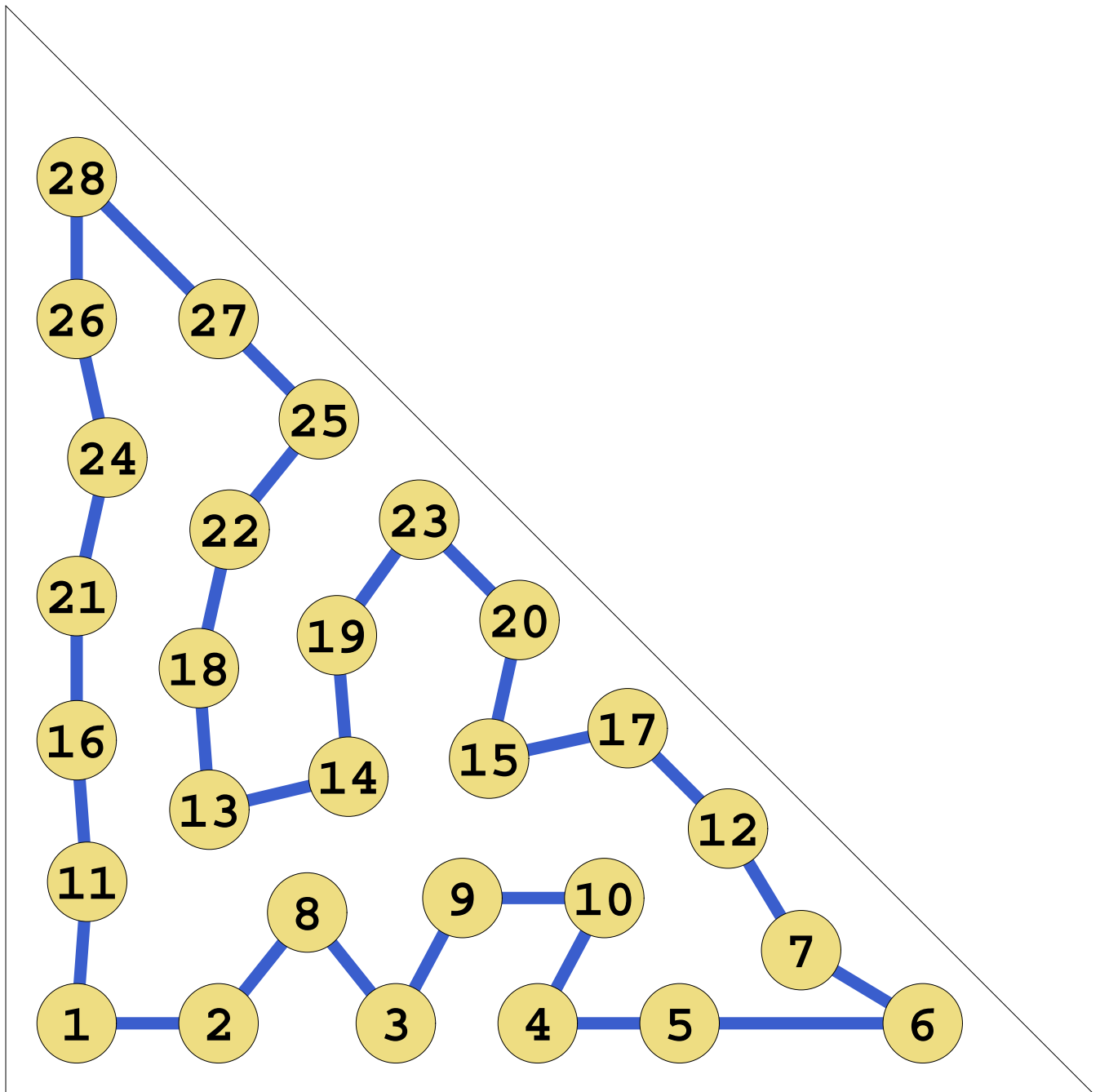# 28 circles in an isosceles right triangle

radius =   0.065186454247   density = 0.747571294817
ratio   = 15.340610431320   length   =   3.800522