243 circles in an isosceles right triangle
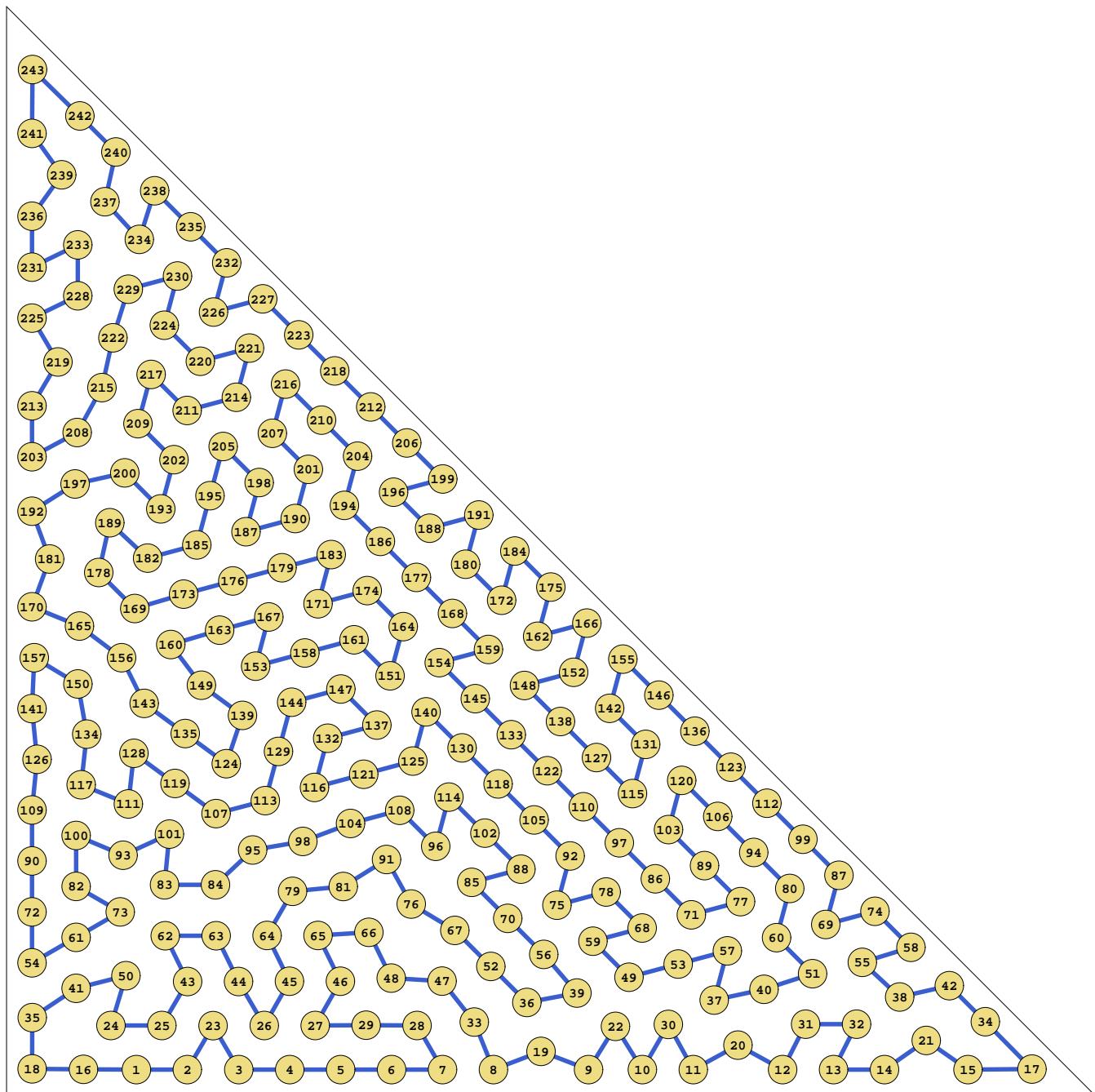
radius   =   0.023402793569   density = 0.836221916159
ratio   =   42.729941494350   length   =   11.438344