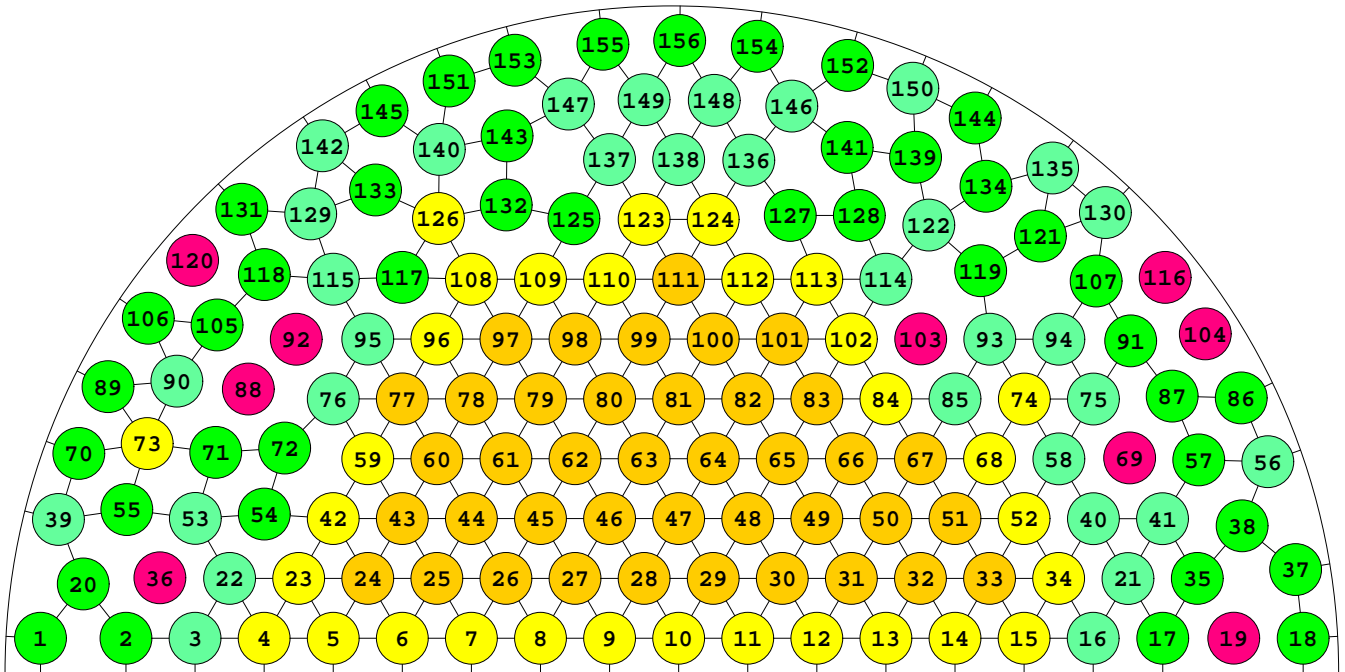


# 156 circles in a semicircle



radius = 0.051804192590  
ratio = 19.303456921081

density = 0.837306403422  
contacts = 348

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22-MAR-2011