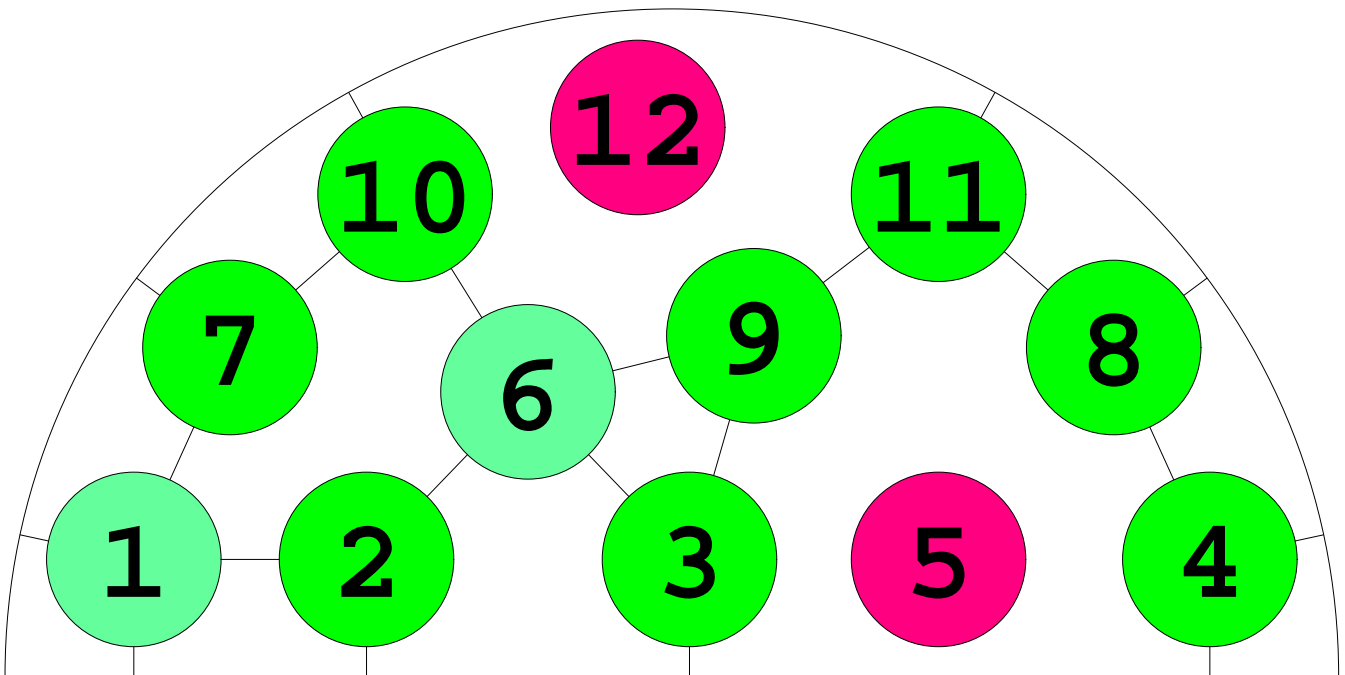


# 12 circles in a semicircle



radius = 0.174492346044  
ratio = 5.730910396197

density = 0.730741891870  
contacts = 21

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