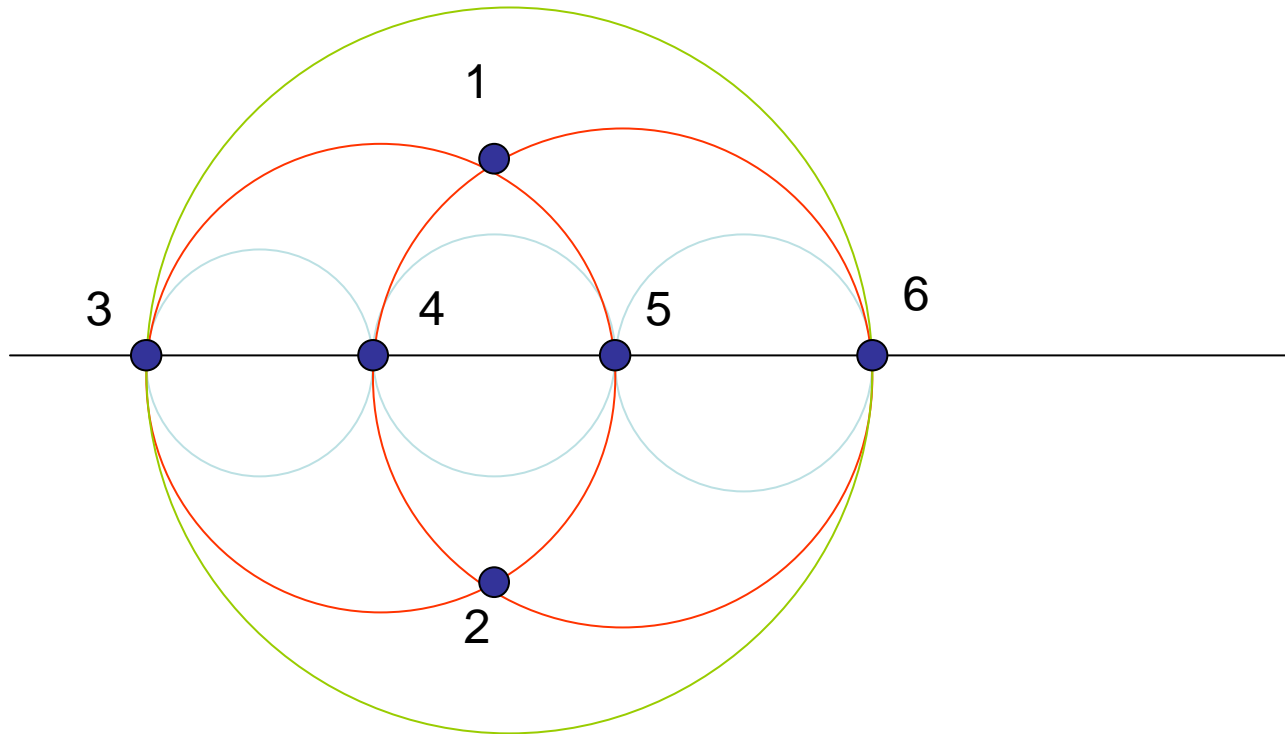
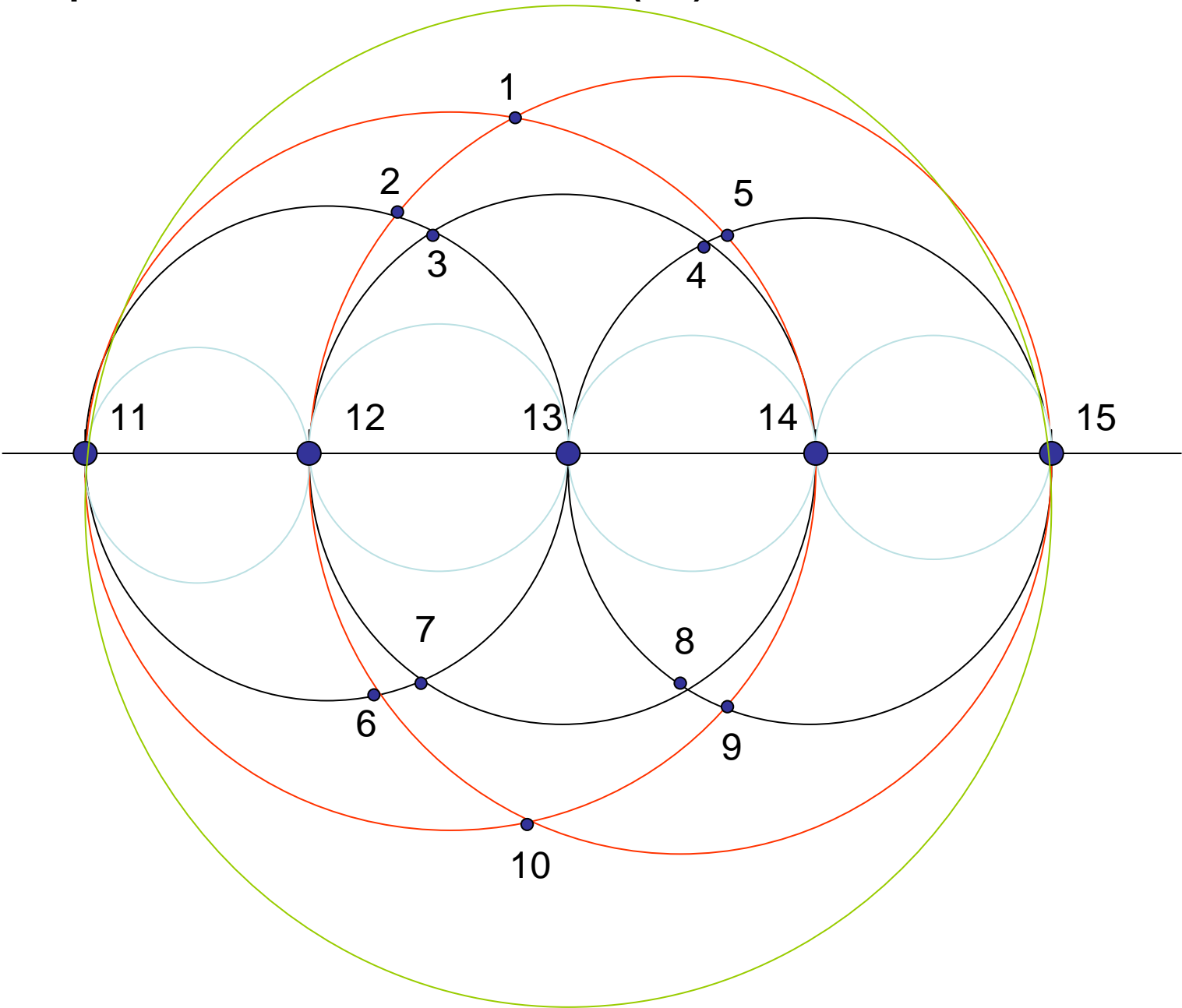


4 points \Rightarrow 6 intersections = $2 \cdot C(4,4) + 4 = 6$



5 points \Rightarrow 15 intersections = $2 \cdot C(5,4) + 5$



6 points \Rightarrow 36 intersections =
 $2 \cdot C(6,4) + 6$

