

DATE 2021

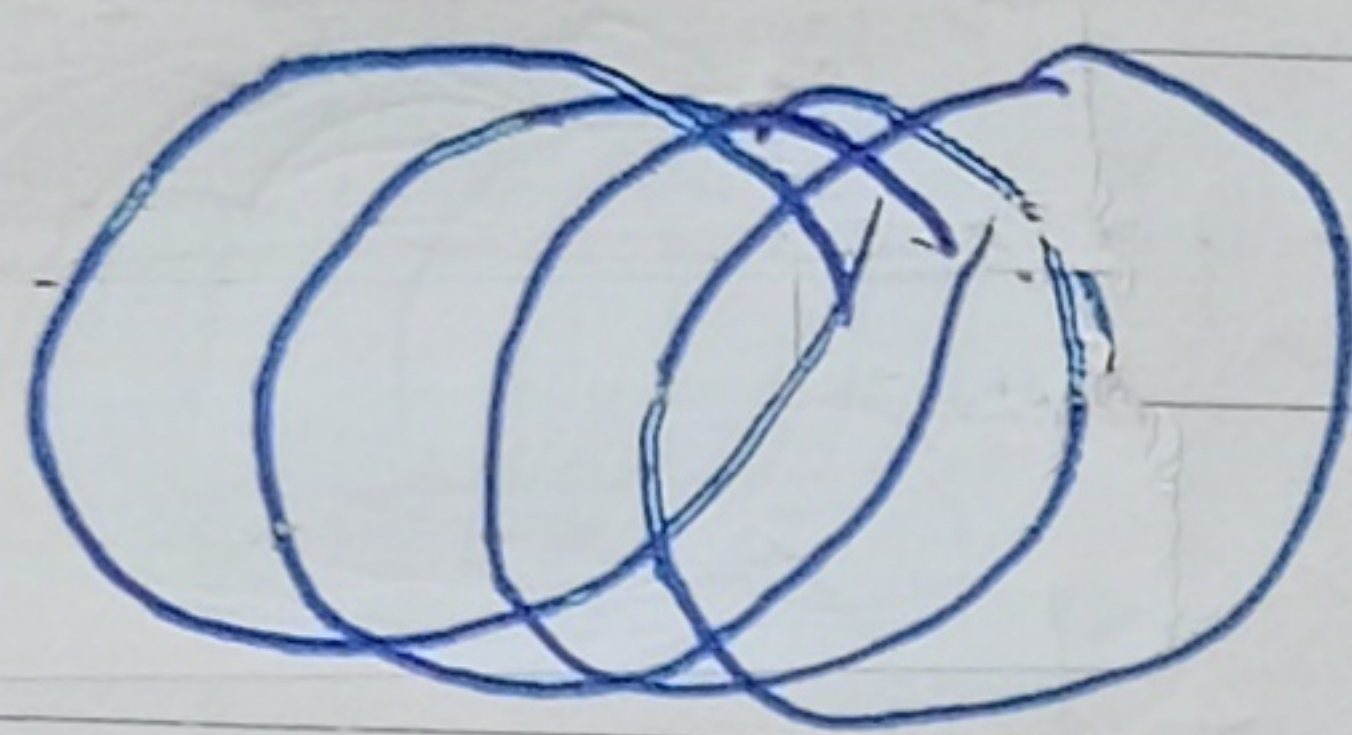
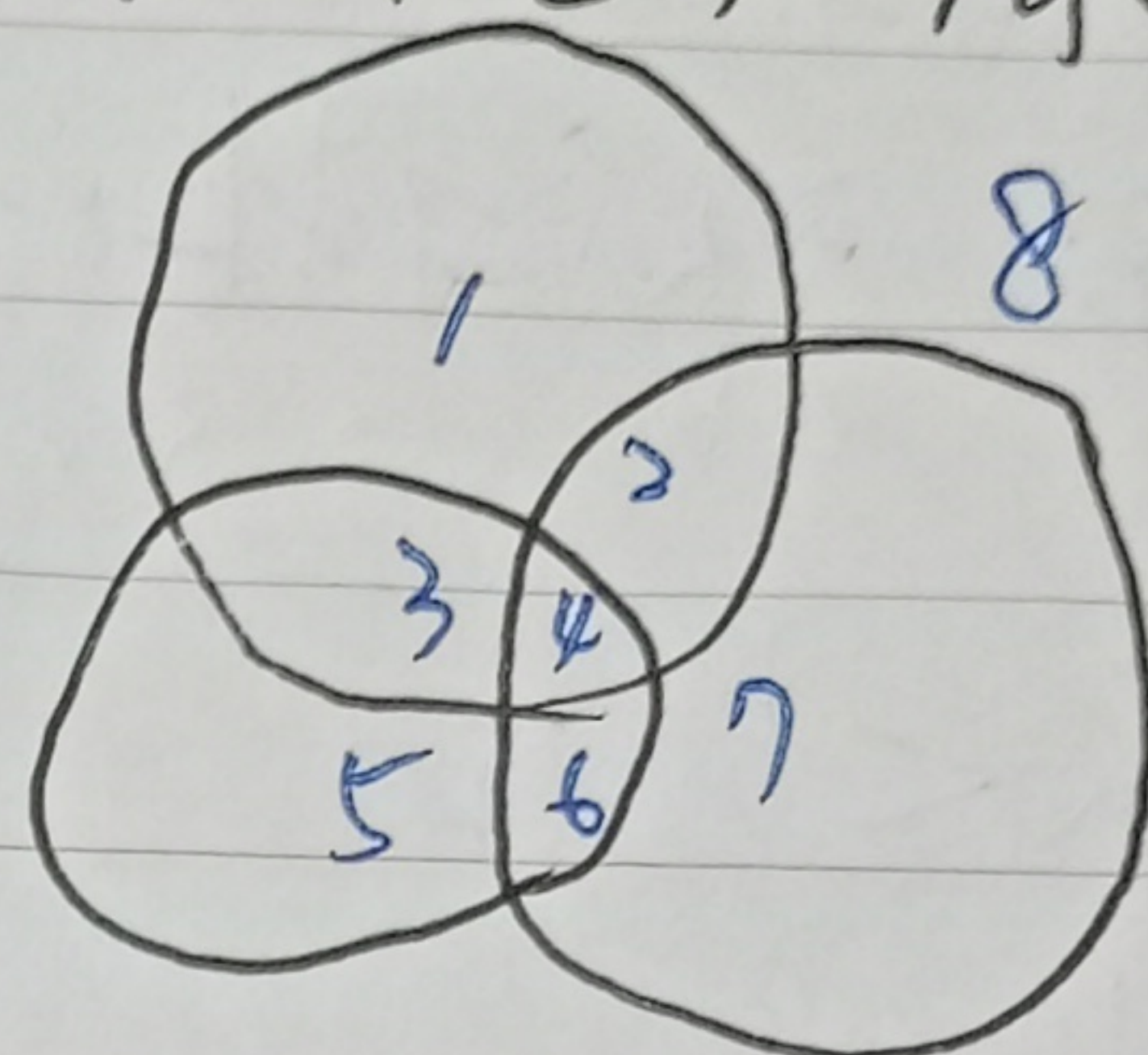
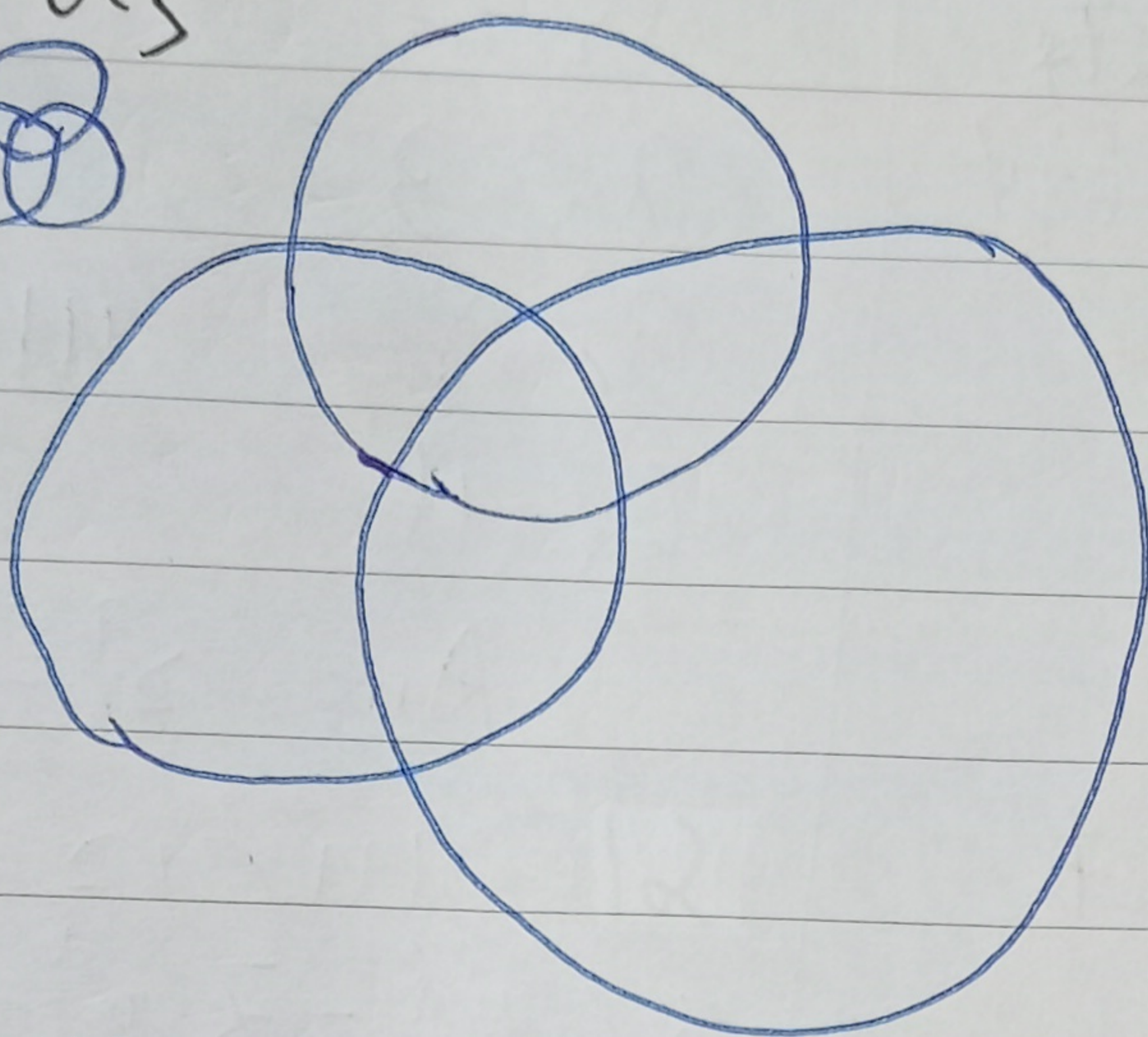
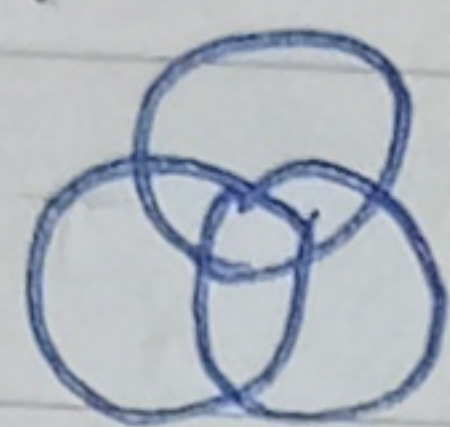
8
929
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永中鍾定桐

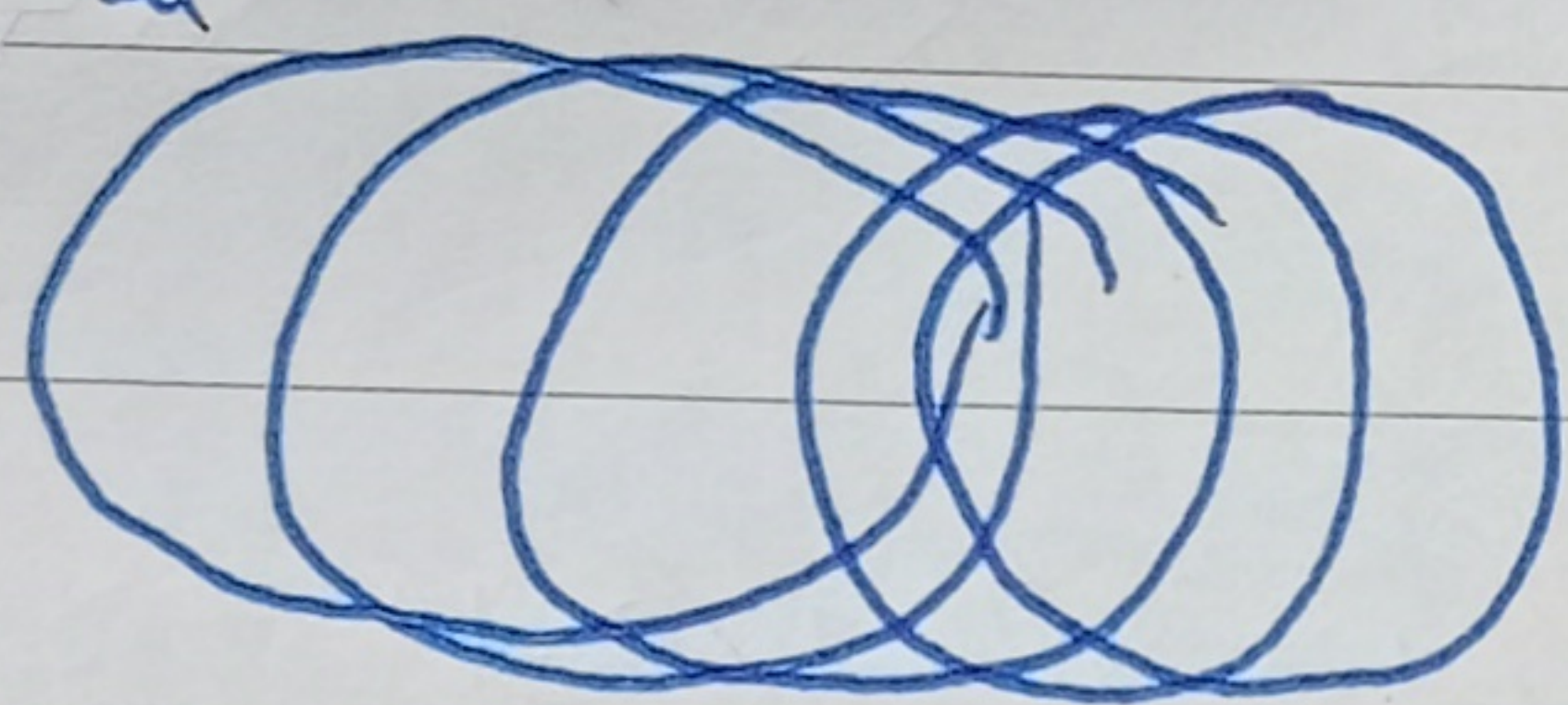
ex. 1 平面上 n 个圆, 可将平面分割成 a_n 个区域, 求1) a_3, a_4, a_5

$$a_3 = 8 \#$$

$$a_4 = 14 \#$$



$$a_5 = 22 \#$$

2) a_n 递推式

$$\begin{cases} a_1 = 2 \\ a_n = a_{n-1} + 2(n-1) \end{cases} \#$$