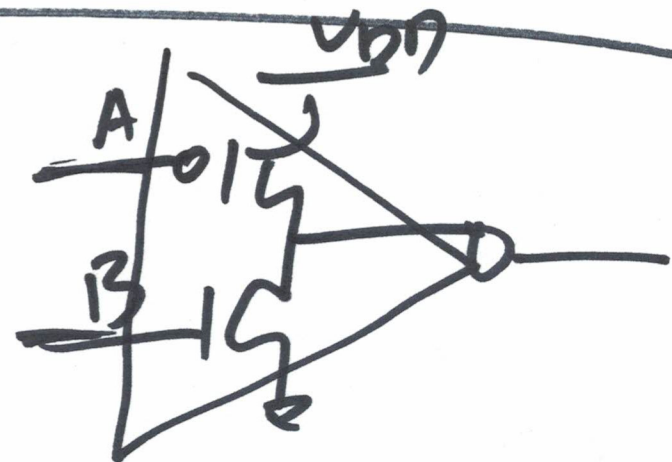
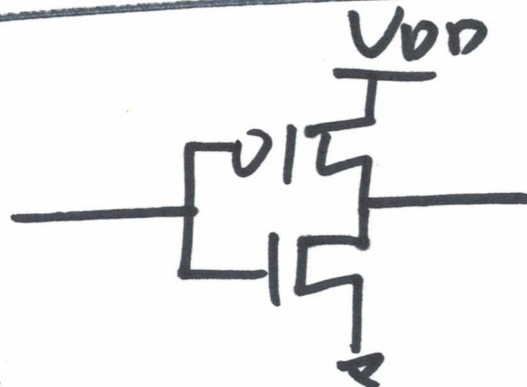
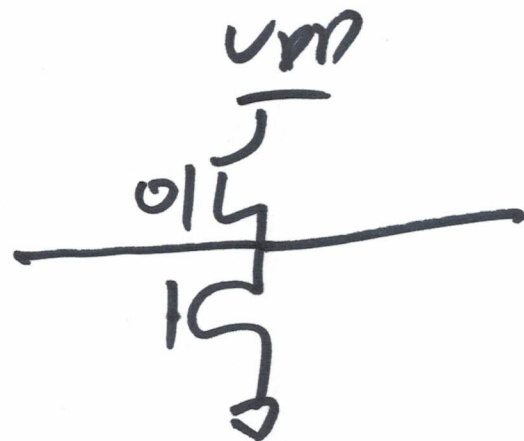
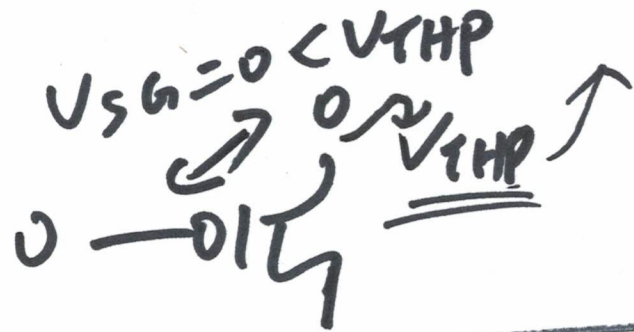
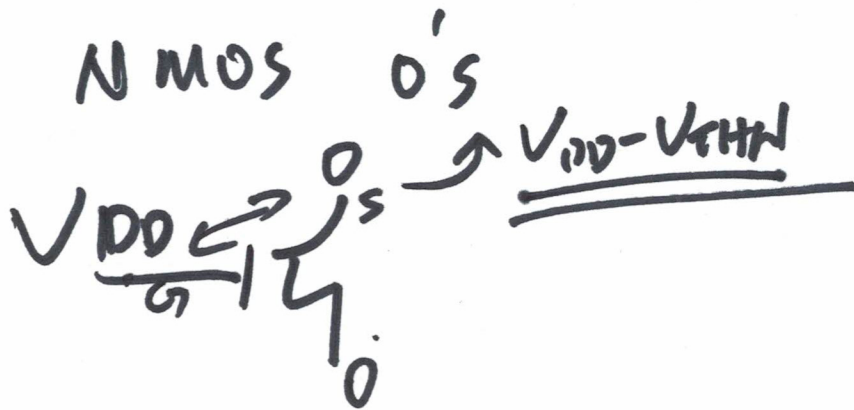
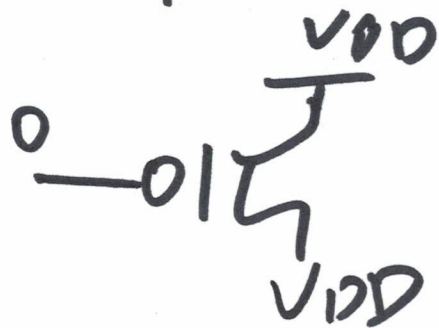
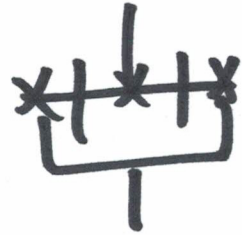
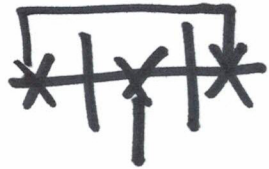


PMOS 1's

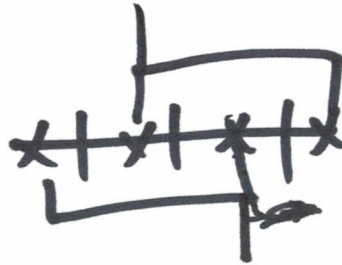


①

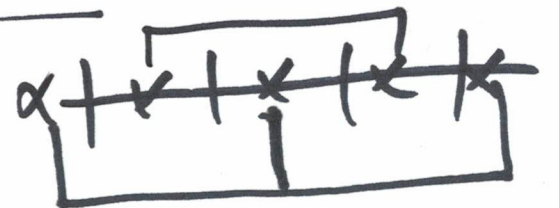
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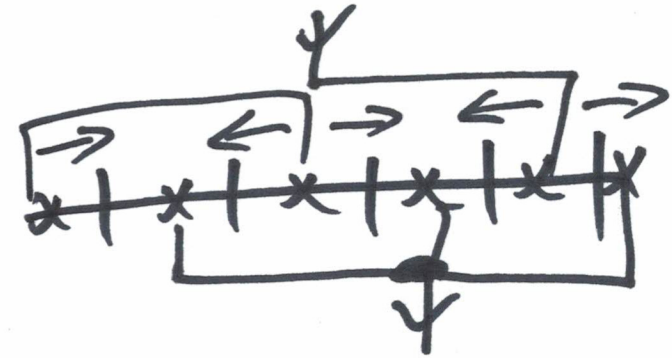
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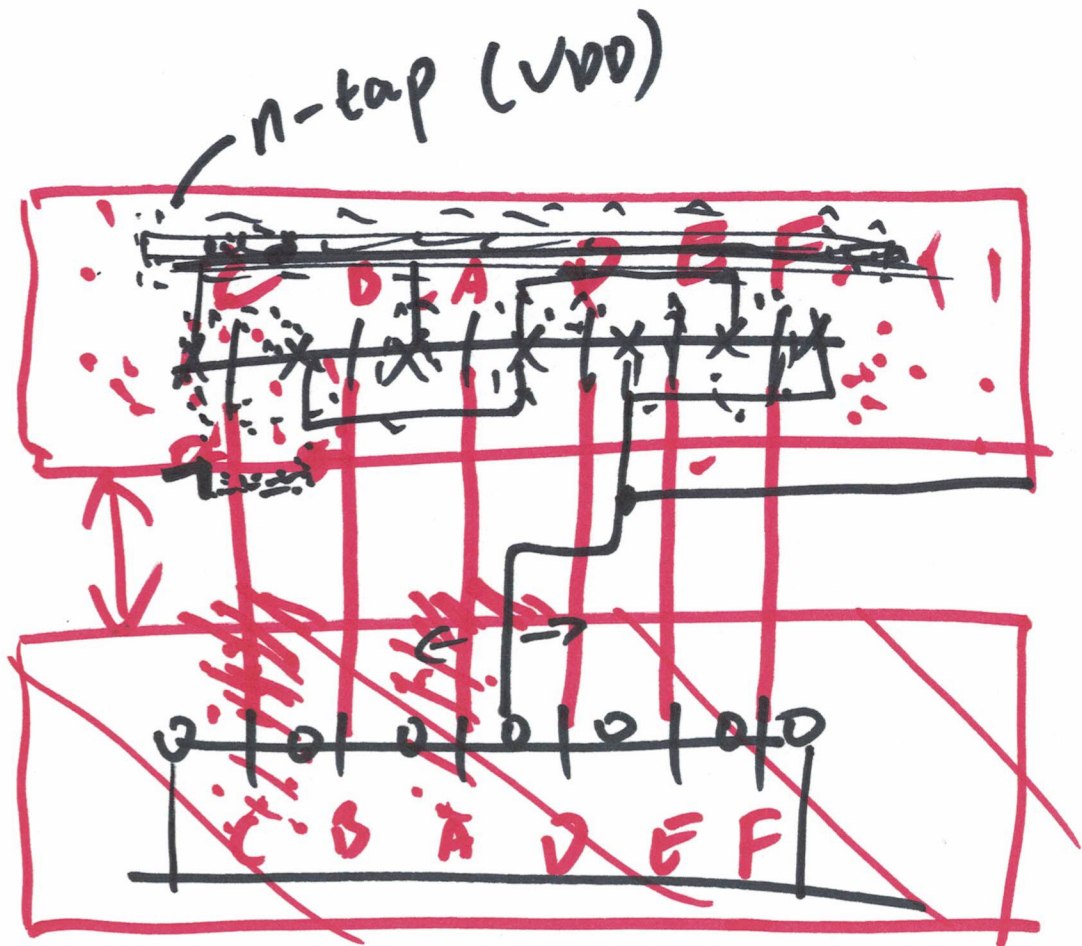
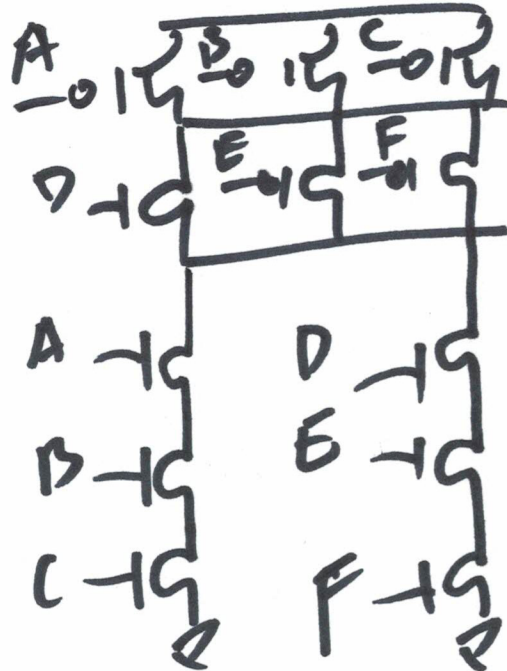
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ABC ⊕ DEF



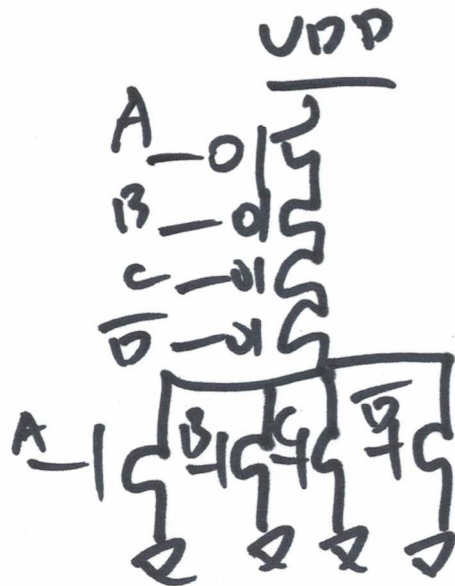
(3)

$$Y = \overline{(A+B+C)} \cdot D$$

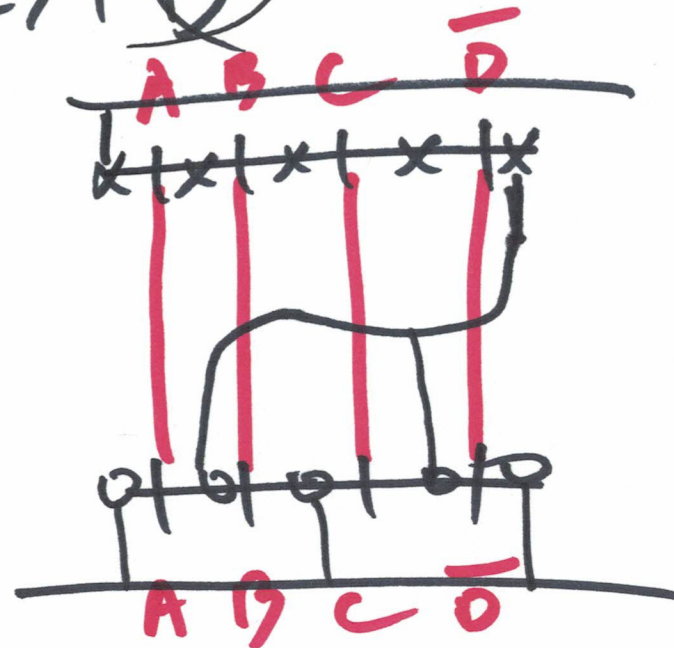
$$= \overline{\overline{(A+B+C)} \cdot D}$$

$$= \overline{\overline{(A+B+C)} + \overline{D}}$$

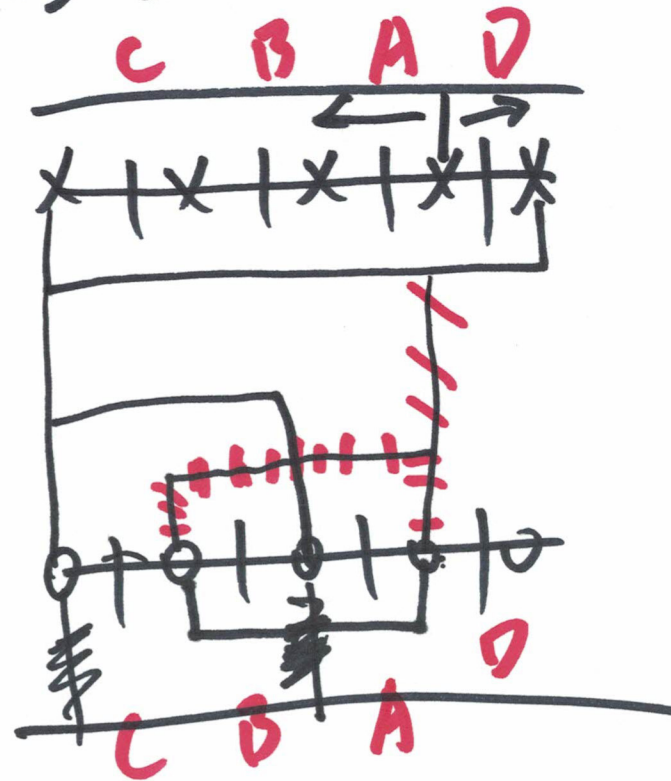
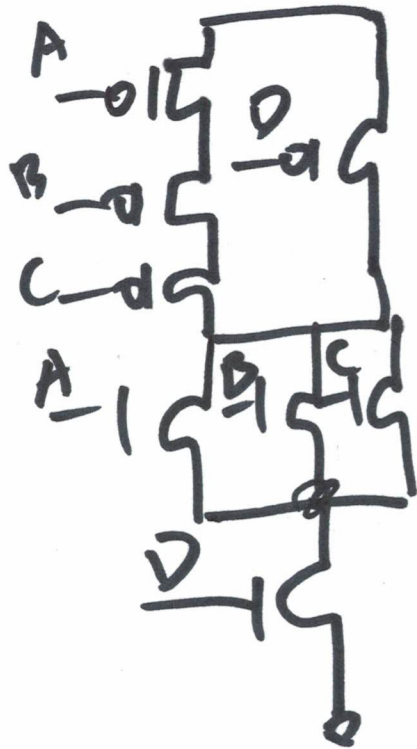
$$= (A+B+C) + \overline{\overline{D}}$$



(4)

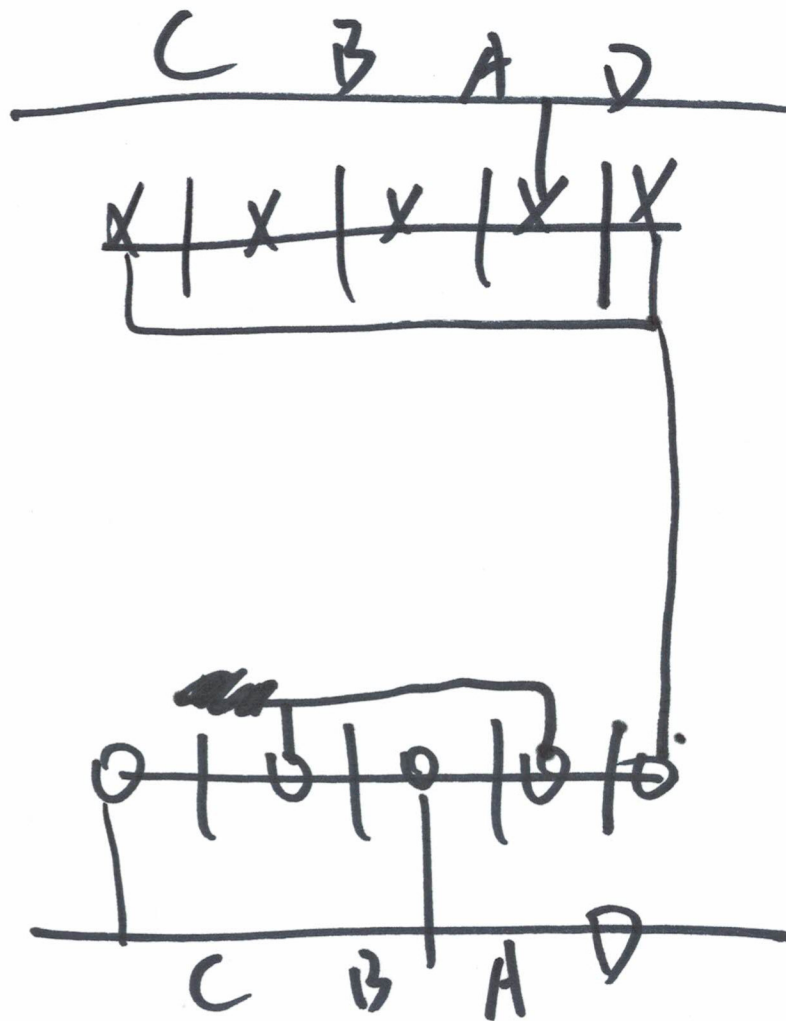
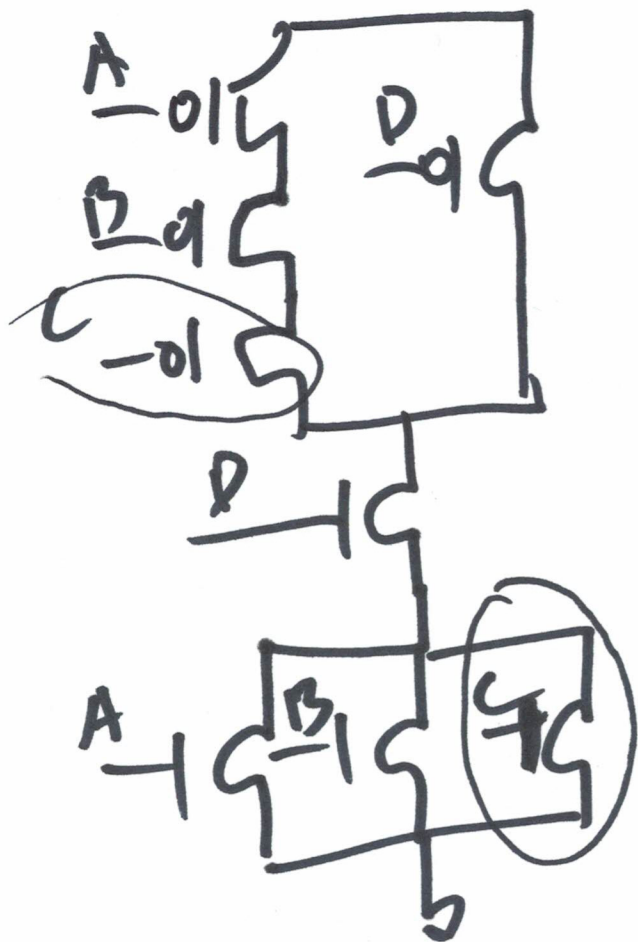


$$Y = (A + B + C) \cdot D$$

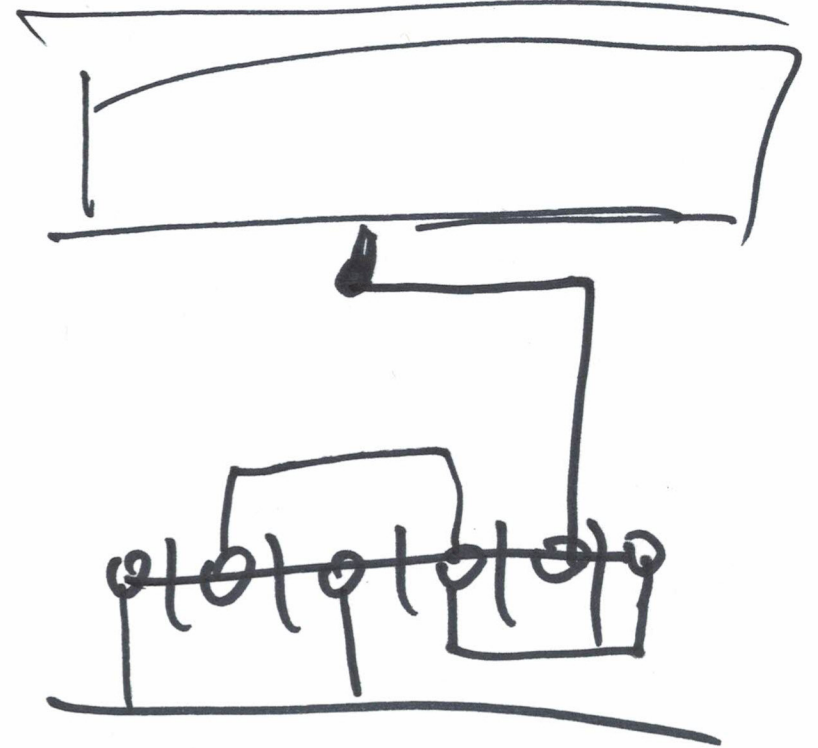
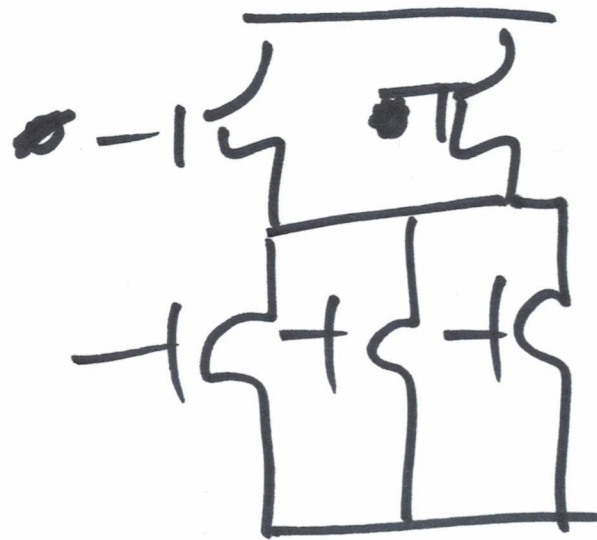


5

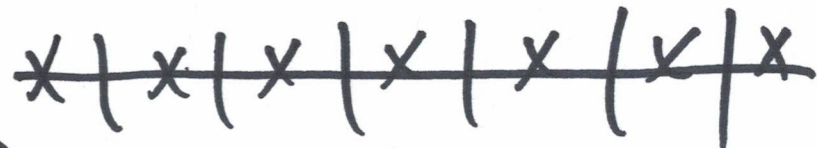
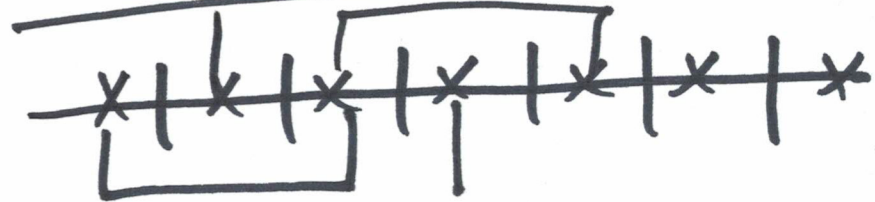
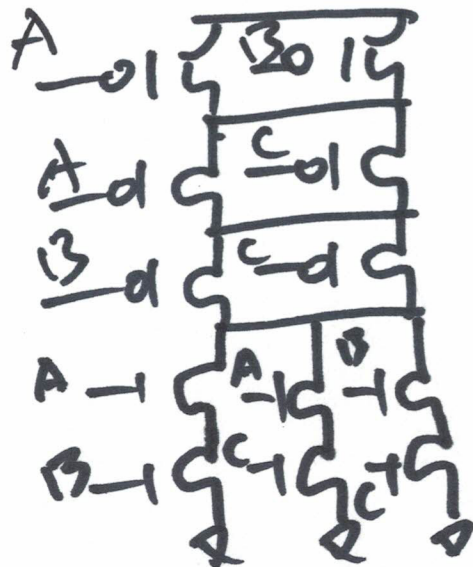




6



$$Y = \underline{AB} + \underline{AC} + \underline{BC}$$



⑦