

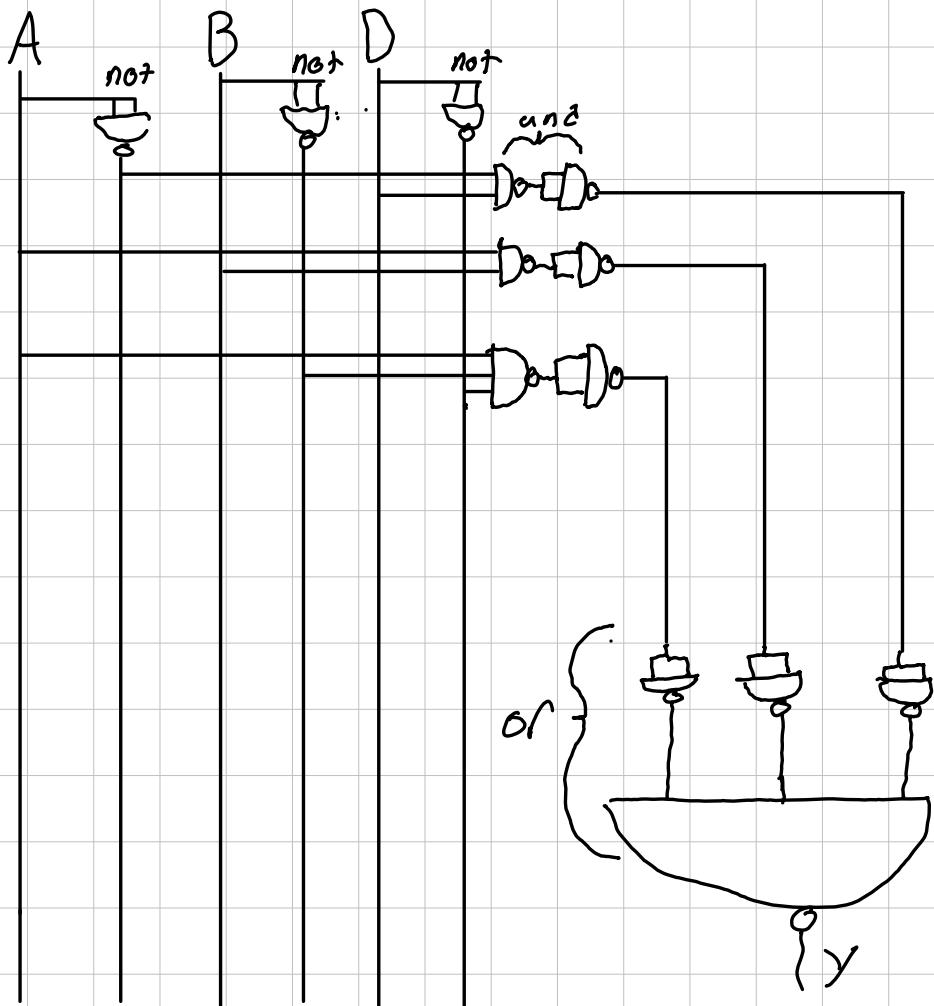
# NAND

$$y = \overline{AD} + AB + A\overline{B}\overline{D}$$

$$y = \overline{\overline{A}\overline{D}} + \overline{\overline{AB}} + \overline{\overline{A}\overline{B}\overline{D}}$$

$$y = \overline{\overline{A}\overline{D}} \quad \overline{\overline{AB}} \quad \overline{\overline{A}\overline{B}\overline{D}}$$

See  
convs →

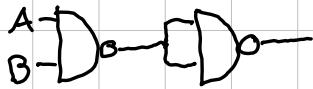
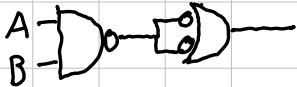


$$\bar{A} = \overline{(A, A)}$$

$$AB = \overline{(\bar{A}, B)}$$



11 or 00



$$A + B = \overline{\bar{A} \bar{B}}$$

