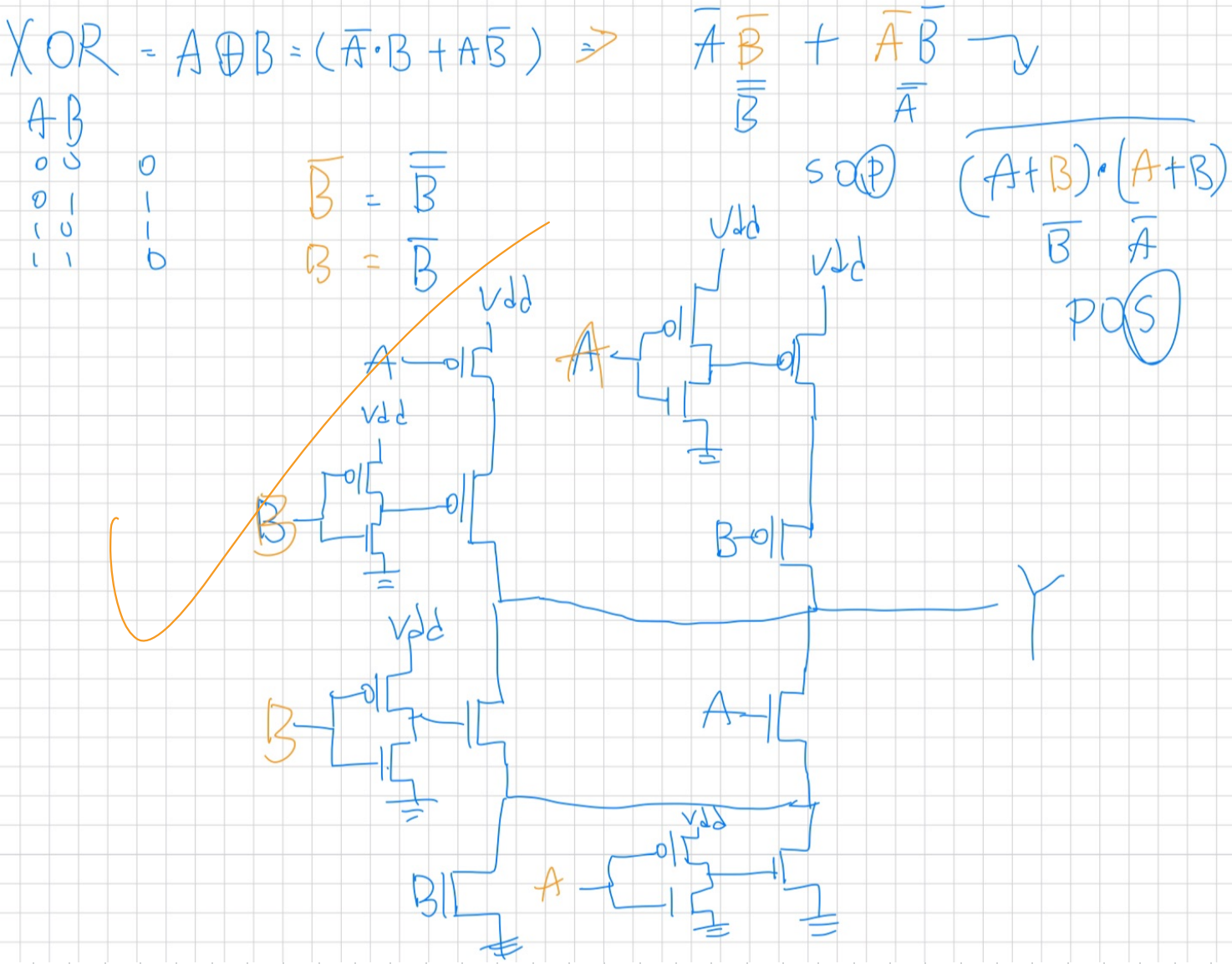
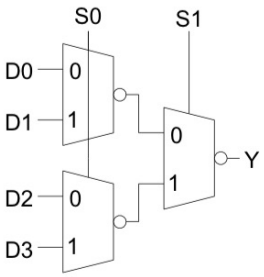
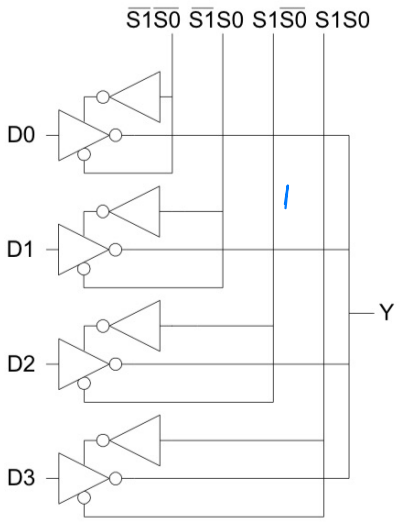


4:1 Multiplexer

- 4:1 mux chooses one of 4 inputs using two selects
  - Two levels of 2:1 muxes
  - Or four tristates

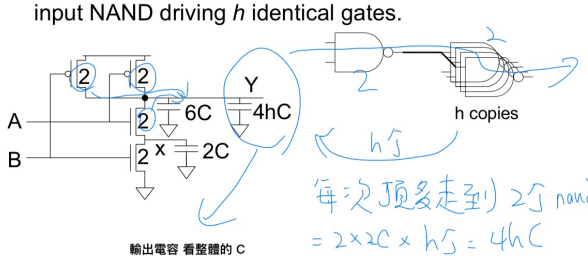




4hC 不小華

Example: 2-input NAND

- Estimate rising and falling propagation delays of a 2-input NAND driving *h* identical gates.



每次頂多走到 2 個 nand
= 2×2C × h = 4hC

Example: 2-input NAND