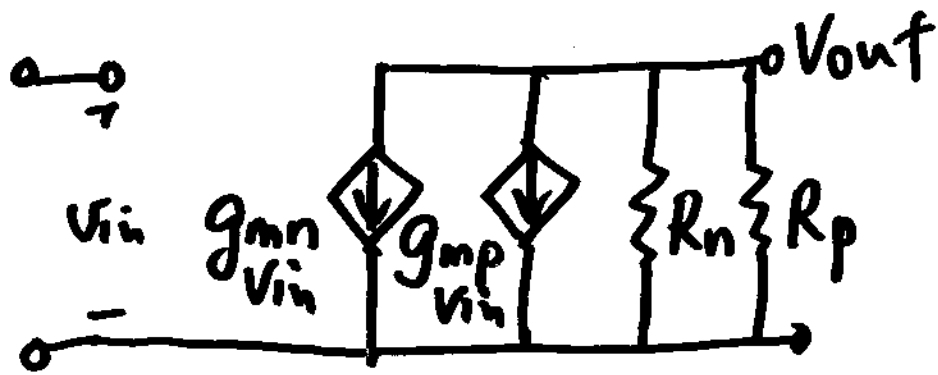
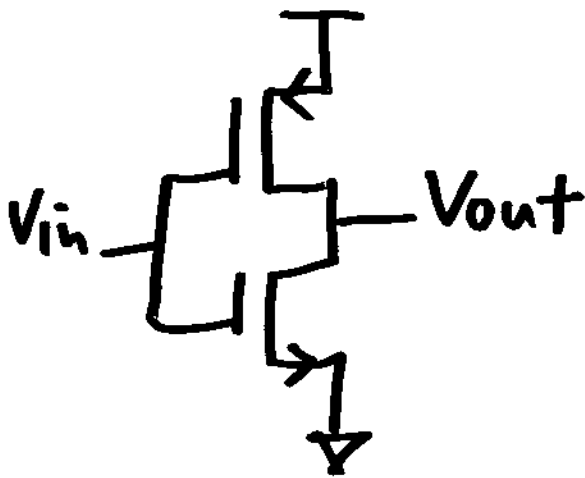


Quiz:

Consider the small signal model for CMOS inverter



Find the voltage gain.

$$\text{Ans: } A_{V_{in}} = -(g_{mn} + g_{mp})(R_n || R_p)$$